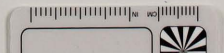


AIM Ann Report
1987 to 1988

AUCKLAND INSTITUTE AND MUSEUM

ANNUAL REPORT 1987-88



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Front Cover: "The Firth Dinosaurs", Auckland Museum's biggest
ever international exhibition

Back Cover: A rain cape from the exhibition "Te Aho Tapu" (Photo: Brian Brake)

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OFFICERS OF THE
AUCKLAND INSTITUTE AND MUSEUM

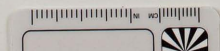
ANNUAL REPORT
AUCKLAND INSTITUTE
AND MUSEUM
1987-88

AUCKLAND
1988

AIM Ann Report 1987 to 1988

Annual Report
Auckland Institute and Museum
ISSN 0373-6229

For presentation to the Annual General Meeting
to be held on September 19th 1988



OFFICERS OF THE AUCKLAND INSTITUTE AND MUSEUM

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MR S.S.M. WEIGHT, J.P.

Past President:

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MR J.D.O. ELLIS, M.N.Z.I.M.	MR M.P. HAY, M.A.
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Royal Society of New Zealand:

DR P.J. BROOK, M.Sc., Ph.D., F.R.S.N.Z.

Secretary:

MR G.S. PARK, M.A., A.M.A.

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Director	STUART PARK, M.A., A.M.A.
Assistant Director	SHERRY REYNOLDS, M.A., Dip. Tchg.
Director's Secretary	MALTI PRASAD
Secretarial Assistant	ELIZABETH SPENCE (until January) ANTONIA PHIPPS (from March)
Accountant	TOM MOLLOY, A.C.A., A.C.I.S.
Accounts Clerk	MERLE WILLIAMS
Clerical Assistant	GLENDY DYKES, B.A., N.Z.L.A. (Cert) PAM TOWERS
Receptionist/Telephonist	NGAIRE HOGSDEN

Applied Arts

Curator	BRIAN MUIR, B.A., Dip. Tchg. (on leave - resigned October) JUSTINE OLSEN, B.A. (from January)
Acting Curator	JUSTINE OLSEN, B.A. (until December)
Hon. Curator of Textiles	JUDY SMITH
Hon. Horologist	DAVID SMITH, M.A., Ph.D.
Hon. Curator of Asian Art	TREVOR BAYLISS, F.M.A.N.Z.
Hon. Curator of Musical Instruments	LEN STANNERS C.B.E.

Archaeology

E. Earle Vaile Archaeologist	NIGEL PRICKETT M.A., Ph.D.
Hon. Archaeologist	AILEEN FOX, M.A., F.S.A.
Hon. Research Associate in Archaeology	JANET M. DAVIDSON, M.A., D.Sc., F.R.S.N.Z.

Botany

Botanist	ANTHONY WRIGHT, M.Sc.
Associate Botanist	TED BANGERTER, F.L.S.
Hon. Botanist	LUCY M. CRANWELL, M.A., D.Sc., F.L.S., F.R.S.N.Z.
Hon. Res. Assoc. in Botany	JEANNE H. GOULDING
Technician	JACK MACKINDER, B.Sc., Dip. Tchg.

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Conservation

Senior Conservator	KAREL PETERS
Conservator	GERRY BARTON, M.A.
Exhibition Conservator	SABINE WEIK

Display

Curator	RICHARD WOLFE, B.F.A.
Display Artist	GEOFFREY LOGAN, Dip.F.A.A., Dip. Adv. C.D.
Display Artist	VIRGINIA BENNETT, Dip. Design
Display Artist	ANGUS MacKENZIE, Dip.F.A.A., Dip. Tchg.

Education

Community Education Officer	KATRINA STAMP, B.A., Dip. Crim., Dip. Tchg.
Planetarium Officer	FRANK IVES
Education Officer	STRUAN ENSOR
Assistant Education Officers	BERT CADMAN, B.A. (until August) WENDY JOHNSTONE (from September) DAVE REYNOLDS B.A., Dip. Tchg. (until August) KATRINA STAMP B.A., Dip. Crim., Dip. Tchg. (September to December) JULIET HAWKINS, Dip. G.D.
Artist Technician	DOROTHY ENSOR
Teacher Aid	

Entomology

Entomologist (Snr Scientist)	KEITH WISE
Technician	ROSEMARY GILBERT, B.Sc.

Ethnology

Ethnologist	ROGER NEICH, B.Sc., M.A., Ph.D.
Assistant Ethnologist	TE WARENA TAU
Antiquities Assistant	MARY BEST
Ethnology Assistant	MICK PENDERGRAST

Extension Service

Extension Officer	JOHN WADHAM, B.Sc. (until November)
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Liaison Service

Liaison Officer	JULIE CATCHPOLE, M.A. (until March)
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Library

Librarian	IAN THWAITES, B.A., Dip. N.Z.L.S. A.N.Z.L.A.
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Assistant Librarian	EDDIE SUN, M.A., Dip. N.Z.L.S.
Library Assistant	KATRINA BARRETT, N.Z.L.A. (Cert.) VICTORIA BELL MARY FITZGIBBON, M.A. GERALDINE MOLLOY, M.A.

Malacology

Malacologist	WALTER CERNOHORSKY, F.L.S.
Hon. Research Associate in Mollusca	BADEN POWELL, Hon. D.Sc. F.R.S.N.Z., F.M.A.N.Z.
Zoology Technician	JENNY OATS, B.Sc.

Marine Biology and Maritime History

Marine Biologist	BRETT STEPHENSON, M.Sc.
Zoology Technician	JENNY OATS, B.Sc.

Ornithology

Ornithologist	BRIAN GILL, B.Sc. (Hons), Ph.D.
Zoology Technician	JENNY OATS, B.Sc.

War Collections

Curator	JOHN WADHAM, B.Sc. (until November)
Honorary Curator of Medals and Badges	DAVID CORBETT, A.F.R.Ae.S.

Attendants

COLIN WHYTE (Senior - until August); JACK WATSON (Deputy Senior until August, Senior from September); ALTHEA SARGENT (Deputy Senior from October); TIM WHITMAN (Relieving Deputy Senior); ROBERT BELL, BRIAN CRAIG, ERIC FRAZER, JAMES HOOKER, PETER KITE, MERVYN LOCKLEY, IAN McPHEE, ERUERA NEHANA, JOSEPH MILLS, CYNTHIA POCOCCO, LUIS RAMON, GRAHAM TAYLOR, FRANK TUIMASEVE.

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JONATHAN GRAVES, ROBERT GRAVES, PHILLIP KITE, MARIA SUAFA.

Coffee Lounge

CATHY BADER (Manager), ESMAY ULENBERG, (Asst. Manager): TANYA ALBLAS, MICHELLE BLANC, BEVERLEY CULPEPER, SIMONE JAMIESON, CLAIRE KELLY, SUSAN KELLY, CATHERINE LATHAM, PAULINE LEOTA, MARIA MATAIA, MARY McSWEENEY, JEANNE MELLAMPHY, EUPHYMY NGAPO, MELENA PALU, ATISH SHARMA, BRIGITTE SHARP, MARION SPOONER, SALLY TOMS, TAKAI VAHUA, CATHERINE VAUGHAN, VICTORIA YATES, JAN WHITFIELD.

Museum Shop

ISABELLE O'CONNOR (Manager), SALLY ANDREWS, RUTH BOAG, STRELSA BOYCE, JEAN BRENTON, MIGNONNE BROWNJOHN, JEAN DICKENS, JUDITH GEERLIGS, ANN HANNA, MARIE McGEORGE, ALOMA MUNCE, NANDA WATSON.

Volunteer Guides

TUI AITKEN, GWENDOLINE BAKER, NANCY BAMFORD, TUI BATHURST, JIM BEEVER, PATRICIA BOND, ANDREW BONNER, SUZANNE BOYES, BARBARA COX, HELEN CRANWELL, MARGARET DARKE, SELWYN DAWSON, GEORGE FENWICK, HUGH FRASER, DOROTHY GARDINER, DR MICHAEL GILMOUR, SHEILA GRAY, PAT GREEN, LOLA GREGORY, MARGARET GRIFFITHS, JOHN HAMMOND, PATRICIA HART, KAY HASLETT, JOCELYN HITCHCOCK, STELLA ISBEY, DR WILLIAM JACKSON, RUTH JOHNSON, NEVILLE JOYCE JUNE KIRKER, MARGERY LETHBRIDGE, DR MAVIS MacDOUGALL, TUI MINTROM, DR DONALD NELSON, MARGERY NELSON, JUNE NIELD, LEN NIELD, JUNE KIRKER, WENDY PATTERSON, OLAF PEEK, MURRAY PRINT, LEO ROTHSCHILD, ALISON SIBBALD, JACK SISLEY, SHEILA WEIGHT.

PRESIDENTS AUCKLAND INSTITUTE AND MUSEUM

1867 F. Whitaker	1906 Professor F. D. Brown
1869 Hon. T. B. Gillies	1907 E. V. Miller
1870 Rev. Dr A. G. Purchas	1909 Professor C. W. Egerton
1871 T. Heale	1910 Dr R. Briffault
1873 Hon. T. B. Gillies	1911 J. H. Upton
1874 Sir G. A. Arney	1912 Professor H. W. Segar
1875 J. C. Firth	1913 C. J. Parr
1876 Hon. T. B. Gillies	1915 Hon. Sir E. Mitchelson
1877 R. C. Barstow	1917 J. H. Gunson
1878 T. Heale	1926 H. E. Vaile
1879 Rev. Dr A. G. Purchas	1931 A. G. Lunn
1881 T. Peacock	1933 Professor H. W. Segar
1882 E. A. MacKechnie	1934 Sir Cecil Leys
1883 Rt. Rev. Dr W. G. Cowie	1935 A. T. Pycroft
1884 H. G. Seth Smith	1936 Sir Carrick Robertson
1885 J. A. Pond	1938 C. Reginald Ford
1886 Professor F. D. Brown	1940 Dr W. A. Fairclough
1887 Professor A. P. W. Thomas	1942 A. H. Johnstone
1888 S. Percy Smith	1944 J. C. Rennie
1889 J. Martin	1947 Hon. T. Bloodworth
1890 J. Stewart	1949 F. L. G. West
1891 Professor F. D. Brown	1952 Professor L. H. Briggs
1893 Professor C. A. M. Pond	1955 J. W. Kealy
1894 J. H. Upton	1958 J. H. Rose
1895 Professor A. P. W. Thomas	1961 J. Seabrook
1896 D. Petrie	1964 S. G. Brooker
1897 Dr E. Robertson	1967 Dr H. C. Holland
1898 Prof. H. A. Talbot-Tubbs	1970 Lt.-Col. A. R. Hughes
1899 J. Batger	1973 G. W. Frater
1900 Professor H. W. Segar	1976 Dr J. D. Atkinson
1901 J. Stewart	1980 Dr R. H. L. Ferguson
1902 Dr E. Robertson	1983 Mr R. E. Thomas
1903 Professor A. P. W. Thomas	1986 Mrs S. M. Weight

DIRECTOR EMERITUS
E. G. Turbott, Q.S.O., M.Sc., F.M.A.N.Z.

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1987 to 1988



Dr A.W. Baden Powell, CBE, Hon DSc, FRSNZ, FMANZ, 1901-1987.

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REPORTS TO MEMBERS

President

In presenting this, the 120th Annual Report of the Auckland Institute and Museum, I am pleased to be able to report that it has been a very active and successful year for the Museum, with good progress being made in many areas of the Museum's work.

The Council

A long-standing member Mr R.B.Sibson did not offer himself for re-election at the Annual General Meeting, and retired from the Council. Mr Sibson was first elected to the Council in 1960, and served continuously until this year. He served on several Council committees, including a long period as Chairman of the Museum Committee. Mr Sibson's outstanding contribution to the Museum is much appreciated.

Mr R. Fenwick was elected to the Council as the new representative of the members at the Annual General Meeting.

Membership

The Roll of Members has changed as follows:

	As at 31.3.87	As at 31.3.88
Honorary Life Members	14	14
Life Members	647	694
Members	<u>1378</u>	<u>1233</u>
Total	<u>2040</u>	<u>1941</u>

Awards

Two members were honoured by Her Majesty the Queen during the year, and our congratulations have already been extended to Dr M.King O.B.E. and Prof.E.Searle Q.S.M.

Mr G.W.Frater and Mrs Judy Smith were elected to Honorary Life Membership at the Annual General Meeting, in recognition of their service to the Museum.

Obituary

We record with regret the deaths of the following members:

Mrs A E Agnew, Mr E L Bartleet, Rev Dr A B Catley, Mr J S Caughey, Mr J F Cavanagh, Mr G Clarihew, Mr W L Cooke, Mr F J Dalton, Mrs M M R Field, Mrs P Fooks, Miss M McFarland, Sir Charles Fleming, Mr R Jones, Mr L D Nathan, Mr P A N Nathan, Mr H M Pihema, Dr A W B Powell, Mr C Robertson, Mrs P K Scanlan, Mr J N Tattersfield, Mrs A Turner, Mr W S Wilson.

Mr W.L.Cooke was an Honorary Life Member of the Institute and Museum, and a generous benefactor of the Museum Library. The Cooke Family Gift which he endowed provides important purchasing support to the Library. Mr Cooke added substantially to that gift under the terms of his will.

Mrs P Fooks was a long standing volunteer associate in the Ornithology Department who was of great assistance to Mr Turbott and Mrs Reid.

Mr W.L.Cooke was an Honorary Life Member of the Institute and Museum, and a generous benefactor of the Museum Library. The Cooke Family Gift which he endowed provides important purchasing support to the Library. Mr Cooke added substantially to that gift under the terms of his will.

Sir Charles Fleming was an eminent scientist whose long association as friend and benefactor of Auckland Museum had begun with his membership of Dr Powell's Boys' Shell Club in the 1930s.

Dr A.W.B.Powell was an Honorary Life Member of the Institute and Museum, and a long serving former staff member. He was appointed Conchologist and Palaeontologist in 1929, and became Assistant Director in 1936, a position he held until his retirement in 1968. He became an Honorary Research Fellow upon his retirement, and was made an Honorary Life Member in 1973. His lifetime's research in conchology made him a world authority. In his enthusiasm to pass on his knowledge to others, especially the young, he was a museum curator par excellence.

Rev Dr A.B.Catley was a regular weekly volunteer in the Museum Library for over fifteen years. His friendly and cheerful help will be greatly missed.

Institute Meetings

Following a review by the Institute Committee, it was decided to hold some of the lectures during the day, with the programme orientated more strongly to the Museum and its collections. This change met with an enthusiastic response from members, and a good attendance was reported at all of these lectures. Several lectures and other special functions were held in the evenings, to try to cater for as broad a section of the membership as possible.

Members were also invited to special evening receptions associated with the exhibitions *Te Aho Tapu* and *The Firth Dinosaurs*. Both of these were very successful, with over seven hundred and fifty members taking the opportunity to view the dinosaur exhibition.

Two further field trips for members were held during the year. The trip held in 1986 to sites of the First Waikato War was repeated very successfully by Dr Prickett, and a weekend trip to the Bay of Islands visiting archaeological and historic sites was conducted by Dr Prickett and Ms Reynolds in November.

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The annual lecture to senior secondary school pupils in honour of the memory of former Museum Director Sir Gilbert Archey was given by Professor P.S.Jackson, School of Engineering, University of Auckland. Prof. Jackson's highly topical subject was *The Engineering of KZ7*. Because of the high level of interest in the New Zealand challenge for the America's Cup, the lecture was attended by a very enthusiastic audience.

Gifts, Grants and Bequests

The Museum continues to receive strong support from corporate bodies, government agencies and community organisations by way of gifts, grants and sponsorship. Notably this year, there was a strong level of support for special exhibitions from corporate organisations, with the Museum attracting its highest level of support ever from outside sponsors.

As referred to in more detail below by the Director, New Zealand Steel Limited provided major sponsorship for *Te Aho Tapu*, in relation both to the exhibition itself and the associated book. In addition, they provided a substantial advertising programme to publicise the exhibition. Agfa-Gevaert generously assisted with the poster and catalogue for the photographic exhibition *Whakaahua*.

Firth Concrete Products Ltd were the sponsors for *The Firth Dinosaurs*, providing both financial backing and promotional and marketing skills. The Electricity Corporation of New Zealand brought the holographic exhibition *FutureSight* to the Museum, and arranged the associated promotion. NZI-Life and C.S.L. Novo Pty Ltd made valued contributions by assisting in bringing *The Apothecary's Shelf* exhibition from Melbourne, for exhibition at the Museum.

The undoubted success of all these exhibitions is due in very large measure to the willingness of these sponsors to enter into this partnership with the Museum.

The New Zealand Lottery Board of Control made several grants to the Museum during the year. It paid \$22,665 towards the salary and expenses of the Museums Liaison Officer. It granted \$75,000 to subsidise the development work in display and storage in the Maori Gallery. It also made a grant of \$5,000 for the purchase of a computer to assist in the analysis of results from Dr Gill's ongoing study of whiteheads on Little Barrier Island, and it assisted with the publication of part of the Museum's *Records* with a grant of \$2,000 to the Offshore Islands Research Group.

The Disney Art Trust established by the late Charles Disney has been an invaluable source of funds for the purchase of objects for the Applied Arts collections. The Trustees, NZI Guardian Trust, this year granted \$47,415, which is very greatly appreciated. The Auckland Savings Bank made a grant of \$8,000 towards the Maori collections storage development, and the Logan Campbell Residuary Estate granted \$7,000 for the development of new displays relating to World War One. The Bank of New Zealand made a donation of \$3,000 to support the work of the Museum, the first time a donation has been received from the Bank. The

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Department of Internal Affairs granted \$7,333.33 to assist with the administration of the Antiquities Act.

Mrs M.M. Fletcher and family established the Bruce Fletcher Flag Trust in memory of her husband the Museum's former Senior Attendant, to assist in the purchase of flags for flying from the Museum building. The Picot Family Trust presented \$1,000, which the Council resolved to use for the purchase of an item for the collections to be identified as purchased from the Trust's donation. Mr R.A. Yock made a donation of \$3050 from the R.A. Yock Charitable Trust. A bequest of \$500 was received from the estate of Mr D.F. Whitmore.

Members generously contributed \$4,717 towards the Members' Library Purposes Fund and \$1,801 to the Collections Purchase Fund. Members also generously supported an appeal I made to assist with replacement of curtains in several Museum departments.

Many provincial local authorities have continued their voluntary contributions to the Museum. These contributions are listed at the end of my report.

It gives me great pleasure to acknowledge this support for the Museum from all those organisations and individuals from whom we received monetary contributions during the year.

Attendances

More than one million visitors came to Auckland Museum during the year. With the special attractions of *Te Aho Tapu* and the associated exhibitions, and *The Firth Dinosaurs*, as well as the Museum's many other attractions, the number of visitors rose to 1,028,026, an increase of 18 percent over 1986-87 and fully one third higher than attendances only four years ago.

In conclusion, may I express my thanks to members of the Council for their continuing work for the Museum, to the Museum staff, and to the many people who assist the Museum voluntarily.

S.M. WEIGHT

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Local Authority Contributions

Voluntary contributions, statutory contributions under the Auckland War Memorial Museum Maintenance Act 1979, as amended, were received from the following local authorities.

Statutory:

Auckland City Council	649,793.00
Birkenhead City Council	47,888.00
Devonport Borough Council	30,039.00
East Coast Bays City Council	82,065.00
Ellerslie Borough Council	17,796.00
Franklin County Council	54,953.00
Glen Eden Borough Council	14,549.00
Helensville Borough Council	1,249.00
Henderson Borough Council	20,051.00
Howick Borough Council	34,042.00
Manukau City Council	351,744.00
Mt Albert City Council	53,046.00
Mt Eden Borough Council	42,660.00
Mt Roskill Borough Council	69,494.00
New Lynn Borough Council	23,647.00
Newmarket Borough Council	20,399.00
Northcote Borough Council	23,027.00
Onehunga Borough Council	40,810.00
One Tree Hill Borough Council	53,418.00
Papakura County Council	38,369.00
Papatoetoe City Council	37,456.00
Pukekohe Borough Council	11,091.00
Rodney County Council	91,635.00
Takapuna County Council	210,655.00
Tamaki City Council	83,513.00
Waikato County Council	6,064.00
Waitemata City Council	163,621.00
Waikuku Borough Council	4,150.00

Total 2,278,792.00

Voluntary

Bay of Islands County Council	100.00
Cambridge Borough Council	275.00
Dargaville Borough Council	-
Great Barrier Island County Council	-
Hamilton County Council	-
Hauraki Plains County Council	550.00
Hikurangi Town Council	-
Hobson County Council	-
Hokianga County Council	-
Huntly Borough Council	500.00
Kaikohe Borough Council	50.00
Kaitia Borough Council	300.00
Kawerau Borough Council	400.00
Mangonui County Council	100.00
Matamata Borough Council	550.00
Matamata City Council	2,000.00
Morrinsville Borough Council	150.00
Mount Maunganui Borough Council	-
Murupara Borough Council	50.00
Ngaruawahia Borough Council	-
Ohinemuri County Council	-
Opotiki County Council	-
Otamatea County Council	-
Otorohanga District Community Council	181.82
Otorohanga District County Council	1,090.91
Paeora Borough Council	250.00
Putaruru Borough Council	275.00
Piako County Council	1,000.00
Raglan County Council	-
Rotorua District Council	-
Taumarunui Borough Council	250.00
Taupo Borough Council	69.10
Tauranga City Council	800.00
Te Aroha Borough Council	-
Te Awamutu Borough Council	500.00
Te Puke Borough Council	100.00
Thames-Coromandel District Council	1000.00
Waikato County Council	-
Waikato County Council	4,300.00
Waipa County Council	300.00
Whangaroa County Council	-
Waitomo District Council	1,500.00
Whakatane District Council	1,950.00
Whangarei City Council	3,400.00

Total \$21,991.83

Chairman of the Trust Board

The Board met during the year to consider the share portfolio received from the bequest of Dr Spedding. It was resolved to sell some of the shares and make reinvestments to maximise the value of the bequest. Substantial gains were achieved, through the high market value of some of the shares in the original portfolio.

The Board also resolved to sell the property in Newmarket which formed the Cooke Family Gift, income from which is used to support the Museum Library. This action was taken in full consultation with Mr Cooke and the firm of W.L.Cooke Ltd. which occupied the building. Their cooperation is much appreciated. High property values in Newmarket made this decision a prudent one. Reinvestment of the proceeds to ensure continued income for the Cooke trust was under consideration at year's end.

Tenancy of the Vaile Trust property at Manukau City has altered slightly, with one of the former tenants now leasing the whole building. This is a most satisfactory arrangement, and provides a secure tenancy situation for the building.

I am grateful to members of the Trust for their continuing assistance to me with advice during the year over investment decisions for the Board.

The total of invested funds now stands at \$2,553,041.

R.E.THOMAS

Director

The year has been full of activity and excitement, with a very high profile in international and local exhibitions, and the strongest level ever of corporate support for the Museum, as well as with good progress being made in other areas of the Museum's work.

Exhibition Programme

We have presented a very successful exhibition programme, with *Te Aho Tapu: the Sacred Thread*, a very full calendar of special exhibitions, and New Zealand's first ever exhibition of dinosaurs, *The Firth Dinosaurs*.

Te Aho Tapu: the Sacred Thread displayed the highlights of Auckland Museum's Maori cloak collection, the finest collection of Maori cloaks in the world. The exhibition was sponsored by New Zealand Steel Limited. The company's support for the exhibition, for the associated book and for the publicity for the exhibition ensured its success. An advisory panel of Maori weavers greatly helped the Museum, both in the preparation stages of the exhibition, but especially by demonstrating their skills to Museum visitors. We are very grateful to Te Aue Davis, Hinemoa Harrison, Maureen Lander, Toi Maihi, Merimeri Penfold and Puti Rare for their help and support. Mick Pendergrast curated the exhibition, and

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Some of our thousands of visitors to the exhibition "Te Aho Tapu", sponsored by New Zealand Steel.

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wrote the text for the book published by Reed Methuen to accompany it, which featured Brian Brake's photographs. Members of staff from the Conservation, Display, Education and Ethnology Departments were all involved in the preparation of the exhibition.

Te Aho Tapu was the main feature of a very active programme arranged at Auckland Museum during the Auckland showing of *Te Maori*. The Museum also presented *Maori Art Today*, a survey of contemporary Maori art organised by the Maori and South Pacific Arts Council, *Te Ohonga*, an exhibition by the Carvers Committee of MASPAC, and *Whakaahua*, an exhibition of photographs of Maori life in northern New Zealand from the Museum Library, sponsored by Agfa-Gevaert. *Te Waka Huia* performance group continued their daily performances, and the Maori weavers demonstrated their art from July to September, and again in February. The redevelopment of the Maori display galleries reached another stage, with the refurbishing of the central gallery round the meeting house *Hotunui*.

Stuart Park continued to serve on the *Te Maori* Management Committee, assisting in the organisation of the New Zealand tour of this highly successful exhibition. Karel Peters has been the conservator for the New Zealand tour, and this has resulted in his being away from the Museum for long periods condition reporting the objects and supervising conservation aspects of their installation. Following the closing of the exhibition in Auckland, the objects were safely packed and returned to the thirteen museums which had originally loaned them. The fifty two pieces from Auckland Museum, which was the largest single lender, were returned to us in November.

The Firth Dinosaurs was the most successful international exhibition ever held at Auckland Museum, and the first time that dinosaurs have ever been on display in New Zealand. The exhibition attracted 130,000 visitors in the ten weeks that it was at Auckland Museum. Visitors marvelled at the huge Chinese dinosaurs *Mamenchisaurus* and *Tsintaosaurus*, at their smaller relatives from China, Australia, North America and Europe, and even at the one bone from the single New Zealand dinosaur.

Auckland Museum is most appreciative of the valuable support it received to make the exhibition possible. The Museum of Victoria, its Council, Director and staff; our sponsors Firth Concrete Products, Oceanbridge Freight, QANTAS Airways and the Regent of Auckland hotel, and many members of their staff and consultants; Auckland University, DSIR and other scientists; Auckland City Council's parks and recreation staff; media and advertising people; and many Auckland Museum Council members, staff members and volunteers; all these people receive our thanks.

Another international exhibition was *FutureSight: Innovations in Art Holography*, the first major exhibition of holographic art to be seen in New Zealand. The exhibition, curated by the Museum of Holography in New York, was brought to this country by the Electricity Corporation of New Zealand, to celebrate the centenary of public electricity supply in

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The skull of *Tyrannosaurus rex* was one of the attractions in "The Firth Dinosaurs".



Angus MacKenzie, Richard Wolfe and Geoff Logan unload the Oceanbridge container in which the dinosaur bones came from the Museum of Victoria.

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New Zealand. It opened its New Zealand tour at the Auckland Museum in January.

The Museum also showed *The Apothecary's Shelf*, an exhibition of ceramic pharmaceutical jars of the fifteenth to eighteenth centuries. Curated by the National Gallery of Victoria, the exhibition included examples from several New Zealand collections, including Auckland Museum, and it was therefore a pleasure to be able to show them here before the exhibition was dismantled. Financial support from N.Z.I. Life and CSL-Novoo Pty Ltd, as well as the assistance of the New Zealand Medical Association is gratefully acknowledged.

As well as these major events, the Museum continued to present a very full programme of changing exhibitions in the Special Exhibition Hall, and sometimes elsewhere when the dinosaurs got in the way.

Staff

There have been a number of changes in staffing during the year, with some staff leaving, others joining us, and a number taking up different positions within the Museum.

Reference was made in last year's Report to the absence following an accident of the Curator of Applied Arts, Brian Muir. Brian returned to work on a part time basis in September, but found that he was not sufficiently recovered to be able to manage the job. Accordingly, the Council regretfully accepted his resignation in October. Brian was appointed Curator of Applied Arts at the Museum in 1978, having formerly been Director of the Robert McDougall Art Gallery in Christchurch. He made a valuable contribution to the work of the Auckland Museum during his ten years as Curator of Applied Arts.

The vacant Curator's position was widely advertised, and attracted applications from throughout New Zealand and Australia. In the face of this strong competition, it was pleasing to be able to appoint to the position the Assistant Curator Justine Olsen, who had been Acting Curator during Brian Muir's absence. The Assistant Curator's position was subsequently also widely advertised, and the appointee Angela Lassig will be taking up her duties in May 1988.

Julie Catchpole commenced her duties as the Museums' Liaison Officer in April 1987, but left in March 1988 to take up the position of Director of the Manawatu Art Gallery in Palmerston North. Although we are sorry to see her leave after only a short time in Auckland, she is to be congratulated on this prestigious appointment, one which interestingly was at one time held by Brian Muir.

Several long-standing staff retired during the year. Mrs Mary McSweeney, the Coffee Lounge Assistant Manager, had been on the Museum staff for nearly twenty years. Mrs Rie Fletcher had been Library Assistant since 1974, and was a mine of information on Auckland history and especially on matters genealogical. We are delighted that both women will continue to assist at the Museum from time to time, so we are

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not losing their valued services entirely. Katrina Barrett was appointed to Rie's position in the Library, and Geraldine Molloy's formerly part time position there was made a full-time one.

John Wadham, the Museum's Extension Officer for over twenty years retired in November. In his long and valued career at the Museum, John has been responsible for a wide range of activities to extend the work of the Museum into the provincial areas. For the last ten years he has also been Curator of the Military collections, a responsibility he will continue on a part time basis in his retirement. Katrina Stamp was appointed to the position of Community Education Officer, a position created to replace that of Extension Officer, following a review of that position.

Mrs Stamp and Mrs Wendy Johnstone were appointed by the Education Board in September to fill the two vacancies in the Education Service staff created by the retirement of Bert Cadman after thirty years valued service as an Education Officer at the Museum, and the resignation of David Reynolds after nine years service to take up a position with the Department of Conservation. In spite of repeated requests to the Department of Education, the Museum was once again ignored totally in the process of selection of the new Education Officers. Strong protest over this continued omission lead to the Director's being involved to some extent in the appointment of Mrs Stamp's successor at the end of the year under review. It has been stressed that the Museum's objections over the process of appointment of Education Officers do not imply dissatisfaction with those who have been selected.

The Museum's Senior Attendant Colin White resigned following the aggravation of an old injury, and Attendant Jim Hooker and Maintenance Hand Paul O'Leary left through ill-health. The series of appointments following these departures caused a considerable re-arrangement in the attendant and cleaning staff. The Deputy Senior Attendant Jack Watson was appointed as Senior Attendant, and Mrs Althea Sargent was promoted to the position of Deputy Senior Attendant. Tim Whitman relieves as Deputy and occasionally as Senior Attendant when required. Peter Kite and Eruera Nehana were appointed as Attendants, and Mrs Cynthia Pocock left her position as Cleaner to become an Attendant. Jonathan Graves became the Maintenance Hand, and Robert Graves was appointed to a joint Maintenance and Cleaning position. Cleaner Mrs Maria Su'afa left her position to have her baby, and Peter Kite was appointed to replace her.

Jack McKinder has filled the vacant position of Botany Technician, and Jennifer Oats was appointed to the newly created position of Zoology Technician.

Once again, and perhaps for the last time, we have been pleased to employ university students over the summer period under the Student Job Search Programme. We are grateful to the following students for their assistance this year: Helen Blythe, Fleur Nixon and Joanne Yates (Library), Elisabeth Callaghan (Ethnology), Sandra Condon (Geology), Mary Gardner (Entomology), Ann Hume (Botany), and Patrick Stodart (Archaeology).

Volunteers

Because of the high level of activity in the Museum, we were unable to undertake the training of a further intake of volunteer guides during the year, though a refresher and interest course was run for the existing guides. That high level of activity however meant a lot of work for the guides, to whom we are very grateful. Their efforts are very much appreciated by visitors to the Museum, and by Museum staff.

We were also very grateful for the voluntary assistance we received from our Members in relation to the book table for *Te Aho Tapu* and in the Dinosaur Shop. A willing band joined the rosters to help with these activities. The Museum has also been greatly helped by volunteer assistants in a number of Departments, including Applied Arts, Archaeology, Botany, Ethnology, the Library, Malacology and the Military collection. This assistance is much appreciated.

Publications

The Records of the Auckland Institute and Museum volume 24 was published on 18th December 1987, and included papers on archaeology and ethnology by Nigel Prickett and Gerry Barton, a paper on botany by E.B. Bangerter, papers on zoology by W.O. Cernohorsky, A.B. Stephenson, L. Deharveng and K.A.J. Wise. In addition, a special section of eight papers was devoted to the results of the Offshore Islands Research Group's 1982 and 1983 expeditions to the Three Kings Islands. Keith Wise once again acted as Editor, and the Museum's appreciation is recorded to him and the members of the Editorial Committee.

Four issues of the *Auckland War Memorial Museum News* were also published.

A third revised edition was published of *Native Animals of New Zealand* by A.W.B. Powell. This Museum Handbook was first published in 1947, with 140,000 copies produced since then. To take account of changes in scientific knowledge and revision of names, a thorough revision was undertaken by Museum curators Walter Cernohorsky, Brian Gill, Brett Stephenson and Anthony Wright. Dr Gill was the Editor for the revised edition, which has met with an enthusiastic reception from the public.

Mick Pendergrast wrote the book *Te Aho Tapu*, with Brian Brake's photographs, which were also reproduced in a series of note cards. Gordon Maitland wrote the text for the exhibition catalogue *Whakaahua* which Virginia Bennett produced. Curator of Display Richard Wolfe wrote *Well Made, New Zealand*, published by Reed Methuen.

G.S. PARK
S.L. REYNOLDS

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Applied Arts

The Museum received two overseas exhibitions and one national exhibition relating to the Applied Arts Department collections. 'American Jewelry Now' was organised by the American Craft Museum in New York to illustrate the richness and variety of contemporary studio jewellery from the United States. 'The Apothecary Shelf' curated by the National Gallery of Victoria in Melbourne displayed European tin-glazed earthenware pharmaceutical jars and bronze mortars which were selected from collections throughout Australasia including jars from our own collection. 'Jade of the Pacific' organised by the Southland Museum and Art Gallery, presented contemporary jade carving from New Zealand, Australia, U.S.A., China, Korea and Canada.

The Department curated selected material from the Museum's Tsutsumu collection for the Waikato Winter Show to celebrate Japan Week in Hamilton during May.

Small displays from the 'Details' Jewellery Group and Auckland Spinners and Weavers Guild continued to be mounted within the Applied Arts Galleries during the year. Both groups displayed the diversity of craft within their fields.

Research has continued for the Index of New Zealand Craftspeople, Designers and Manufacturers. An overview of the history of applied art in New Zealand has been achieved through the recording of contributions in national and foreign exhibitions between 1851 and 1940. The collection of biographical information on significant applied artists has begun. Other projects included the updating of the Mackelvie Trust deposit and the preparation by Mr Len Stanners of a catalogue of musical instruments held in the departmental collections of Applied Art and Ethnology.

Public education activities of the Department extended into the television arena this year with my participation in the Television New Zealand series 'Antiques for Love or Money'. Many talks have been given to specific groups concerning the collections, including an Institute lecture. I contributed to a Furniture Conservation workshop organised by the Liaison Service for Curators of New Zealand Historic Places Trust properties. I also attended a Textile Conservation course run by AGMANZ and a two day course conducted by the Directors of Sotheby's on areas within the English applied arts field.

The Disney Art Trust has continued to fund acquisitions of applied arts for the collections. The main areas addressed this year include late 19th century and 20th century reformist decorative art movements.

The Mackelvie Trust kindly purchased for the collections an important late 19th century oak sideboard made by Liberty and Company, London.

Gifts received this year included two significant items. A contemporary dyed kimono by Taidenshi Hongo II of Kyoto was presented following an exhibition of his works at the Museum, and a late 19th century Japanese export vase given by Mrs Powell in memory of her husband, the late Dr A W B Powell, a long serving staff member of the Museum.

Following the resignation of Mr Brian Muir in October, Ms Justine Olsen, formerly Assistant Curator was appointed to the position of Curator. Assistants working within the department during the year included Mrs Darien Mansfield, Mrs Elizabeth Fowler and Mr Michael Findlay. The department continues to be grateful for the work of Mr Trevor Bayliss, Honorary Curator of Asian Arts, Mrs Judy Smith Honorary Curator of Textiles and Costumes, Mr David Smith Honorary Horologist and Mr Len Stanners Honorary Curator of Musical Instruments.

JUSTINE OLSEN

Archaeology

The major Archaeology Department commitment in 1987 has been in the area of writing and publication, for long deferred because of gallery development work.

A report on the department's Brambley Collection from the Manukau South Head district was published in the *Museum Records*. An author, title and subject index of Volumes 1-30 of the *New Zealand Archaeological Association Newsletter* has been prepared for publication with Louise Furey, and will be published in May 1988. A booklet guide to archaeological sites in Taranaki should also be with the publisher before the end of May 1988.

Major fieldwork has been a second season's excavation at Raupa, near Paeroa. Four weeks with a largely volunteer team occupied much of January and February 1988. Major funding came from the New Zealand Historic Places Trust with support from the Museum. Field equipment was provided by the University of Auckland Anthropology Department and the Museum. Pat Stodart, who was employed under the Labour Department Student Job Search scheme, provided essential organisation for the excavation. As in the first season we stayed on Te Pai-o-Hauraki marae as guests of the Ngati Tamatera people whose support and interest were much appreciated.

During 1987 work continued on a regular basis analysing material recovered in the first season at Raupa. Assistance in this was given by a small group of volunteers, and the University of Auckland Anthropology Department which provided the essential space. An historical reconstruction has been prepared by artist Chris Gaskin to depict Raupa as it may have been in the early 19th century.

In the Museum the Archaeology Department has provided input into display projects in the general ethnology-archaeology area and into planning for new storage facilities now under development.

At the end of 1987 I gave up the job of editor of the *New Zealand Archaeological Association Newsletter* which I have carried out for the past nine years. In this respect I would like to thank successive Directors of the museum for their support and for the provision of the museum resources essential to the task. Special thanks to Mary Best who typed most of the 36 issues for which I was responsible.

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During the year I attended the N.Z. Archaeological Association conference in Wanganui and the triennial conference of the Historic Places Trust in Wellington.

NIGEL PRICKETT

Conservation

During the year the Department's main activity has been the preparation of selected cloaks for the *Te Aho Tapu* exhibition. This major undertaking consisted of backing the cloaks with a special supporting fabric imported from Switzerland and velcro strips for fastening. The co-ordinated efforts of the several departments of the Museum involved resulted in an exhibition acclaimed by many as "superb".

Other departmental work consisted of the preparation of selected palisade post figures for display in the main centre Maori Hall. Condition reporting and cleaning was undertaken on Maori artefacts for the *Tainui* exhibition at the Waikato Museum of Art and History. We also did the condition reporting and cleaning of the American Jewellery exhibition.

Karel Peters, in his function as the *Te Maori* exhibition conservator, spent most of the year overseeing the installation, dismantling and transportation of *Te Maori* in the Dunedin, Christchurch and Auckland venues. He was also responsible for the return of the 172 artefacts to the thirteen lending museums throughout New Zealand, finishing in Invercargill.

The *Hotunui* restoration project came to a temporary halt through lack of funding. The team of Dante Bonica, Annette Wehi and Marama Tetini had worked for many months on removing the red overpaint from the carvings. When work stopped, the poupou on the right side of the interior and the carvings in the porch had been finished and look very splendid. The efforts of the team have been appreciated. New lighting was installed and carpet laid inside the house while the exterior has been restored to approximate the original condition it was in when it arrived in the museum.

In November Sabine Weik, who had been working as a contract conservator on various projects, was appointed on contract on a half-time basis while Mr Gerry Barton is on half paternity leave for 12 months. Work has been carried out throughout the year for several departments such as Applied Arts, Ethnology and the Library.

Advice has been given and discussions held with Ethnology Department staff on improving storage facilities in the Carving Store and designs for Maori cloak storage cabinets.

The Department as usual provided a much appreciated service for the public with general advice on conservation matters.

Sabine Weik and Gerry Barton visited Sydney, where they had dis-

cussions on conservation matters with staff of various museums. Their joint paper on ultrasonic cleaning of Maori cloak materials was presented at the triennial meeting of the ICOM Conservation Committee in Sydney.

KAREL PETERS

Display

This year there was a decidedly international flavour to the Department's activities. The most obvious example of this was the highly successful exhibition *The Firth Dinosaurs* the largest special exhibition ever undertaken at the Museum.

In preparation for this Stuart Park and Richard Wolfe visited the Museum of Victoria in Melbourne to evaluate the exhibition there. Angus MacKenzie later went to Victoria to assist with the dismantling and packing of the exhibition, to become thoroughly familiar with dinosaur engineering. We were grateful for the assistance of Kevin Kelly and Peter Schwinkel, of the Museum of Victoria, who came to Auckland for the assembling and later dismantling of the exhibition.

The installation involved a great deal of carpentry and electrical work, to create an exciting exhibition space in the Auditorium and Exhibition Hall. The Australian catalogue was adapted for the Auckland exhibition, and designed and printed here. Many labels were produced for the New Zealand material incorporated into the exhibition. Fabric screens to provide background colour were produced by Geoff Logan, and Virginia Bennett produced a spectacular banner for the Museum facade.

A feature of the exhibition was a display of botanical specimens representative of the age of dinosaurs, arranged by Anthony Wright. Somewhat battered by the attentions of our many visitors, the lives of these primitive plants were prolonged by the use of ultraviolet lighting.

Another international event this year was *FutureSight: Innovations in Art Holography*, from the Museum of Holography, New York. The installation of these ethereal images was overseen by Paul Barefoot and assistant Renee Rhodes, from New York. Later, Angus McKenzie assisted with the installation of *FutureSight* at the Wellington City Art Gallery.

The middle of the year was particularly busy with three major special exhibitions coinciding with the showing of *Te Maori* in Auckland. The largest undertaking was *Te Aho Tapu*, a collection of 60 Maori cloaks and garments. This was presented in the renovated eastern section of the Maori Gallery, where the original display cases were modified and lit, the exterior windows screened and spotlighting and carpeting installed, in addition to the installation of the exhibition proper. In an adjacent gallery the Museum presented *Whakaahua*, 19th and early 20th century photographs of the Maori from the Library collection. Virginia Bennett designed the exhibition and the accompanying catalogue and poster. In

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February 1988 this space was used to display to *Hei Tiki*, an extensive exhibition of tiki from the collections. To provide a contemporary perspective to the traditional arts in *Te Maori* and *Te Aho Tapu*, Auckland Museum hosted the travelling exhibition *Maori Art Today*. We also presented an exhibition of Maori carving *Te Ohonga* in the Maori Gallery.

This year has seen the completion of the central section of the Maori Gallery, marked by carpeting and the slating of the steps. The meeting house *Hotunui* has also been carpeted and given an effective lighting system. Compact spotlights mounted above the central ridge now provide appropriate illumination for the interior. The C F Goldie Maori portraits are now presented as an introduction for visitors entering the main gallery. An assemblage of large palisade posts and carved figures has also been installed. Each piece is mounted on a custom-made circular plinth, designed to resemble the approximate size and height of the original carving.

The annual Auckland Studio Potters exhibition was moved to the Disney Hall of Furniture to make way for *The Firth Dinosaurs*, and the school Science and Mathex Exhibitions were held in the Geology and Fish Halls for the same reason. Other special exhibitions included *Auckland's Maritime Heritage*, from the Museum Library collection, and *Images of a Frozen Continent*, paintings of Antarctica by American artist Alan Campbell.

The Department continued to service a wide range of Museum publications, including the design and production of the quarterly "News" and the production of the special exhibition calendar. Virginia Bennett provided photographs for a range of publications.

Geoff Logan spent a month's leave in Japan, during which he visited some 30 museums. For my part I travelled to the United States under the International Visitor's Programme. I am grateful to Vivienne Barnett of the American Centre, Auckland, for making this trip possible, and to the Museum Council for allowing me leave. My itinerary included the very largest American museums but also some of the very smallest. Everywhere American hospitality was unflagging and I found a considerable interest in New Zealand and its culture. I made a number of positive personal contacts and hope that I can stimulate increased cultural exchange between our two countries.

RICHARD WOLFE

Education

Summary of attendances: Primary 50,326, Intermediate 20,584, Secondary 17,972; total 88,882. The attendances for 1987 were double the 1986 figure. This increase was particularly due to the special exhibitions featured in the museum during 1987. The Firth Dinosaur display was an outstanding success, drawing more than 29,000 children, 74% of these at Primary level. Educational programmes were provided in the form of

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introductory talks by Education Officers and the supply of a Dinosaur Education Pack relating to the display. From the educational viewpoint, the exhibition provided a unique opportunity for scientific, language, art and reading studies to be covered in depth.

Many schools, after visiting *Te Maori* exhibition at the Art Gallery visited the Museum to view *Te Aho Tapu*, the Maori Cloak display. An Education kit was also produced to support this display. During the exhibition the attendance for Maori studies at the Museum increased from 5,400 in 1986 to 18,200 in 1987.

Earth Science was again a popular choice of topic for school visits. The majority of visitors came from the Intermediate school level (46%). There was an increased request by Secondary schools for Geology programmes (25% of Earth Science visits). The topics requested were: Rock Types (Form 4); Volcanoes and Landforms (Form 5); and Geology of Auckland (Form 6 and 7).

The need to upgrade the displays in the Natural History Galleries (Fish, Geology, Molluscs, Botany) is evident in the low attendance in these galleries. The high numbers of students studying Earth Science at the museum was due to the comprehensive classroom programmes which supported the Geology Hall and Auckland Landscapes display.

Inservice courses were held for several teacher trainee groups. These included Balmoral science teachers, Auckland College of Education second year graduate courses and first and second year primary trainees. The Geology course for second year Science option students (10 sessions) was again conducted successfully.

Planetarium attendances were: Primary, 1586; Intermediate, 2856; Secondary 1149, a total of 5526. The planetarium, open three days per week for school bookings, has been well attended and is often fully booked during the busy periods of school visits. The admission charge has been increased to \$1.00 to offset the cost of new programmes.

Programmes were planned for all schools visiting the Museum. This planning involved sending confirmation of the visit, planning the programme to take place at the museum and teacher information leaflets and student study sheets. With staff changes and the exceptional attendances this planning became a massive task. Towards the end of 1987 a computer was installed to help with the administration of the school bookings. Resources for teachers and students produced in 1987 included: *Te Aho Tapu*, teacher information and study sheet; Dinosaur Education Kit, teacher guidebook and study sheets; Holography, teacher information and guide; *Nga Mahi* Gallery study sheets; and Bird Hall study sheets.

Exchange of Museum Loan Display cases: Provincial Schools 262; City Schools 747. Each of the loan displays to provincial schools are in an average of three different schools. The loan service has been very efficiently operated by Juliet Hawkins. There is an increased demand by city schools to use the loan service. Redesigned cases have been prepared on

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Insects, The Gum Emperor Moth, Rock Identification (4), 'Looking at Teeth', and 'Age of Reptiles' (2).

Many illustrations were drawn by Juliet Hawkins to illustrate the Dinosaur Education Kit, the Catalogue and the Firth Dinosaur Exhibition. Maps of Maori tribal areas were drawn for the Ethnology Department.

Juliet Hawkins attended the Museum Education Association of Australia's 5-day conference entitled 'Technology - Education and Entertainment' in Brisbane.

J.S. ENSOR

Entomology

This is probably the busiest year I have had to report on for many years as both of us in the Department have been overseas. These absences have required preparation beforehand and catching up with a backlog ever since. Much research has been done as well as the usual curation work and extension of the collections.

Rosemary Gilbert, the half-time Entomology technician, has had to cope with a great deal of work in the first three and the last three months of the year. Labelling and listing of incoming collections, attention to sending and receiving of loan collections, preparation of a small insect display and fumigation of collections both in the Department and on display were all attended to by July. Rosemary took leave from July to go overseas privately until December. She spoke with entomologists in Canada and brought back an interesting collection of Canadian insects. After her return Rosemary was able to work full-time until the end of March.

During April a field trip included collecting in Taranaki and on the lower slopes of Mt Egmont and collecting for aquatic insects in the Levin area. I was able to retrieve a long overdue collection of insects on loan to a research specialist, and visit Mr R G Ordish the Curator of Insects at the National Museum.

A large collection of Antarctic Collembola, which I have held for research over the past 20 years, was returned to Bernice P Bishop Museum of Honolulu in June and I saw it being processed there in August.

I received a Prince and Princess of Wales Award from the Royal Society of New Zealand and a grant from the Council of the Auckland Institute and Museum. These enabled me to visit museums and research institutions in order to examine museum displays and to carry out research, and both grants are greatly appreciated.

Starting in early August I visited Bishop Museum, Honolulu, Los Angeles County Museum of Natural History, Los Angeles and Zoologisch Museum, Amsterdam. Then, in two weeks I went to Zoologisch Museum,

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Copenhagen, Zoological Institute, Lund and Naturhistoriska Riksmuseet, Stockholm, and Zoological Museum, Oslo. Two weeks were spent in research at British Museum (Natural History) Entomology, in London. In France two weeks research were divided between the Entomology Department of the Museum National d'Histoire Naturelle in Paris and its Ecology Department at Brunoy to the south. I also visited the Mineralogie and Palaeontologie exhibition halls of the Museum, and a separate special entomology exhibition in Paris. Then I had a week on research at Universite Paul Sabatier in Toulouse, southern France, and a two-day visit to Laboratoire Souterraine to see research in caves at Moulis in the Pyrenees. In Brussels I visited the Institut Royal des Sciences Naturelles de Belgique on the two days there. During a final week in Japan I went to the National Science Museum Natural History Entomology in Tokyo and also Daito Bunka University at Hatoyama to the north.

In addition, my spare-time sight-seeing was rather museum-orientated. I visited maritime museums in Oslo, Amsterdam and Greenwich as well as the old ships *Wasa* in Stockholm, *HMS Victory* and *Mary Rose* in Portsmouth. There was also the Royal Observatory at Greenwich and British Museum, Victoria and Albert Museum, Westminster Cathedral and the Tower in London, and Windsor Castle. In France I went to the Louvre, Musee d'Orsay, and the Eiffel Tower, Paris, and the palace at Versailles, as well as several cathedrals. Finally I visited cultural museums in Tokyo.

Research conducted during the tour concerned several projects on Neuroptera (lacewings), Coleoptera (coastal tiger beetles and aquatic beetles), Trichoptera (caddis flies) and Collembola (springtails). Research done at Universite Paul Sabatier, Toulouse, with Dr Louis Deharveng, revealed a new genus of Collembola which was described in a paper published in the Museum Records in December.

An important part of the tour was meeting people in Entomology and Display sections of museums, having discussions with them and seeing their Departments. They and many other people were hospitable and very helpful. After my return writing to overseas contacts and preparing reports took a lot of time. My full report was completed in March and was presented to the Council.

From December to February extra assistance in the Department was given by Mary Gardner under the Student Job Search Programme. She checked all the dry and wet collections, sorted samples and helped with many other jobs. In February and March Pat Bond also worked in Entomology. This was a good opportunity to re-organise the New Zealand Lepidoptera into present-day taxonomic order in several new insect cabinets. Pat transferred the moth collections specimen by specimen from the old cabinets into new ones. The Lepidoptera collection is now uniformly housed in orderly fashion.

Following examination of coastal tiger beetles in overseas collections, further collecting was carried out in order to complete a project on this group. Several field trips principally for this purpose were undertaken

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between January and March. The many specimens from these collections have all been specially prepared by Rosemary Gilbert for photography which was begun by Virginia Bennett of the Display Department.

An early start on editing papers for the 1987 Records was necessary and members of the Editorial Committee kindly co-operated by reading manuscripts sooner and quicker than usual. Editing itself was a greater task than for many years as, through the offices of Anthony Wright, an extra group of papers on three Kings Islands projects was offered for publication. All papers were at the galley proof stage by the time I went overseas and Brian Gill kindly continued contact with authors and completion of this proof stage while I was away (August to October). Mr Ken Beever of Institute Press and I then prepared the volume and it was printed and published on 18 December 1987.

K. A. J. WISE

Ethnology

A measure of the national and international importance of the Auckland Museum ethnological collections are the requests for items from the collection to be sent out on loan for special exhibitions. A large loan of 48 Maori artefacts from the Tainui tribal area has been dispatched to the Waikato Museum for a special exhibition. Several Niuean artefacts were lent to the Niue Cultural Centre for their inaugural exhibition. A Maori puppet was loaned to the New Zealand Puppet Theatre for their puppet museum. A Maori rock art exhibition now touring the country includes four pieces from the Auckland Museum collection. Negotiations are continuing with authorities in West Germany for the loan of Easter Island artefacts to an international exhibition in Frankfurt.

Other artefact movements have included the withdrawal of about 100 large carvings originally intended for the Panguru meeting house. These had been on deposit for safekeeping in the museum for many years, awaiting plans for their re-use. A carving found in a cave near Lake Taupo was placed in the museum for safe-keeping while the Maori Land Court determined its ownership. The Director and the Ethnology staff have been involved in negotiations concerning human remains and burial chests from Northland.

Continued improvements in artefact storage facilities have provided much easier access for study and management. With the new Maori carving store now fully operational, the arrangement of the total Maori collection is being rationalised. All the smaller Maori carvings and weapons have been transferred to the carving store, grouping together those parts of the collection most in public demand. New racks in the area behind *Hotunui* has allowed storage of some larger Maori items.

In the main Ethnology store, some collections have been re-organised, while the Maori burial chests and Pacific masks and shields are now located on new racks. Plans are in progress for large flat drawer cabinets for the Maori cloaks.

Final preparations for the Maori cloaks exhibition *Te Aho Tapu*, occupied all the Ethnology staff before its opening in July. Mick Pendergrast coordinated demonstrations of weaving techniques by many visiting Maori craftswomen, especially during the opening and closing periods of the exhibition. He also provided guided tours of this exhibition for many special interest groups. A small Maori weaving group formed during this exhibition continues to meet regularly at the museum and serves as an informal advisory group to Ethnology staff. Te Warena Taua served on the Auckland *Te Maori* tribal committee and assisted with protocol while *Te Maori* was on show in Auckland. In September, the artefacts lent by Auckland Museum for the exhibition were returned and welcomed back with full Maori ceremony.

An exhibition entitled *Hei tiki* was mounted to display virtually all the nephrite hei tiki in the museum's collection. A Maori Advisory Panel has been established to assist with planning for the new permanent tribal art and history display to be mounted in the eastern Maori gallery. Mick Pendergrast was invited to act as a judge at an exhibition of Pacific hats by the Aotearoa Moananui-a-Kiwa weavers.

Television and film crews from New Zealand and overseas have made considerable use of Ethnology collections and staff expertise. Ethnology staff have also presented several lectures on Maori and Pacific topics to secondary schools, special interest groups, Institute members, volunteer guides and university classes. Students and scholars from China, Australia, France, U.S.A. and Germany have studied particular sections of the Ethnology collections. I finally received official notification of the conferment of my Ph.D degree from the University of California at Berkeley, with a dissertation on Maori figurative painting.

Mary Best has again fulfilled a wide range of extra duties in the department, in addition to her usual role. Volunteers and other people temporarily attached to the department have contributed in various ways. Mrs Tupou Posesi Fanua completed her work on the Tongan collection, and Ropata Eruera completed his inventory of all Te Tai Tokerau artefacts in Auckland Museum. Leith Watt has been collating information on the African collections. Len Stanners now has the musical instruments well organised. Len has collaborated with Dr Richard Moyle of Auckland University to produce the manuscript of an illustrated catalogue of Oceanic musical instruments in the Auckland Museum collection.

With such expertise available on musical instruments, collecting activities were concentrated in this area. The museum purchased a Vietnamese zither, an Indonesian angklung, a collection of flutes and a large assortment of modern Chinese musical instruments. Other notable purchases included a carved Maori pipe owned by Rev Charles Baker and a set of modern traditional Maori carvings produced by trainees at the Rotorua Maori Arts and Crafts Institute. Among the important gifts were a war belt given by Te Kooti to Rev. John Still and a nephrite hei-tiki to be added to the A.T.Pycroft Collection.

ROGER NEICH

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Liaison Service

I commenced duties as Liaison Officer in early May. I was fortunate to inherit a service that is now well established with the museums in the northern region, and to be able to call upon the former Liaison Officer, Sherry Reynolds, for occasional advice.

The N.Z. Lottery Board, through its Art Galleries and Museums Scheme, continued to provide financial assistance for the operation of the service.

As in the past, the various services provided included: visits to museums to give on-the-spot advice, evaluation of projects which ranged from security installations to structural additions and alterations, attendance at committee meetings, report writing and presentation and interpretation of collections; liaison between the museums and specialists for identification of artefacts, particular collection storage requirements and conservation information; advice on grants and subsidies, especially the Art Galleries and Museums Scheme; and staff training.

During the year I managed to visit about half of the region's museums, usually in response to a specific request for assistance. Visits from museum personnel to the Auckland Museum have also been arranged.

Office based duties included the follow-up work from visits, provision of information on museums in the region to other organisations, production of newsletters, workshop planning and answering correspondence. I compiled various information packages on areas of museum practice which the service frequently receives, enquiries about, such as registration procedures and collection storage.

Valuable information for those tasks was gained through workshops and seminars I attended during the year, which included a one day seminar on public relations organised by the N Z Historic Places Trust and the Auckland Heritage Trust; a two day workshop on basic textile conservation techniques run by Valerie Carson, the textile conservator based at the National Museum; and the annual conferences of the Art Galleries and Museums Association of New Zealand and the Museum Education Association of New Zealand, the latter dealing with interpretation of collections.

In response to a request from the N Z Historic Places Trust a workshop was organised on furniture conservation. We were fortunate to have Detlef Klein, a specialist in this area, to take the two day session. A comprehensive manual was prepared on the care of furniture in collections from the material covered during that weekend.

A further workshop on the care of photographic collections was also organised, in conjunction with Gordon Maitland from the Museum Library and the Northern Regional Conservation Laboratory.

A survey was prepared with the assistance of Rodney Dearing, Director of MOTAT, and distributed to all the museums in the region. The

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general purposes of the survey are to ascertain the extent of services provided by museums to the public; their main concerns plus evaluate how well they understand the roles of the Liaison Service and AGMANZ. The data from the survey should prove useful in providing an indication of the type of training personnel require, and the kind of information the service needs to provide.

During the year Auckland Museum staff assisted several new museums which have opened to the public, in various ways. The N.Z. Puppet Theatre Museum opened in Auckland in November. A small museum dealing in local history opened in Tuakau. When the Waikato Museum of Art and History shifted into its new building in Hamilton, I spent a week with the Registrar, David Woodings, helping shift the museum's collection into the new storage facilities.

In early March I resigned as Liaison Officer, to take up the position of Director at the Manawatu Art Gallery in Palmerston North.

I would like to thank everyone I called upon, for their cooperation and support, which allowed the service to continue to promote and foster a high standard of museum work.

JULIE CATCHPOLE

Library

There was increased public use of the Library's research collections and services. Storage space continues to be a serious problem, although National Archives again generously provided temporary space for lesser used material. The Library was closed for two weeks during December and efforts by Library staff during this period made available some storage space. Although book costs rose sharply, it was pleasing to note the purchase of several major items. Air conditioning units were installed in two research areas, the Manuscript and Picture Rooms. Throughout the year Library staff were involved in outreach activities such as talks to groups and participation in seminars and courses. The addition of one full-time staff member did much to ease pressures on other staff.

There were many visitors to the Library including several genealogical groups. Special visits were arranged for members of the Auckland and North Shore Groups, New Zealand Society of Genealogists. I talked to several groups about the Library and its collections, including the Remuera Probus Club, Royal Commonwealth Society, Soroptomists International of Auckland and the Auckland Secondary School History Teachers Association. Gordon Maitland addressed a Seminar on Historic Photographs of Auckland and also chaired a Heritage Week Seminar on the Photographic Documentation of Auckland. Several Library staff members attended meetings where those involved with Maori research collections discussed matters of common interest. All Library staff attended the Maori Language Course organised for Museum staff. Mary Fitzgibbon and Geraldine Molloy attended a two-day study course which addressed issues relating to Maori and Pakeha bi-culturalism. I spoke on

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the accessioning and cataloguing of manuscripts at one of the sessions of Working With Archives, a lecture course organised by the Northern Archives and Records Trust Board. Eddie Sun attended a one week National Archives course on archival conservation and also an information database training session organised by the National Library of New Zealand.

There were several noteworthy acquisitions. The purchase of the Entomological Sections of the Zoological Record, 1981-86, filled a significant gap in our periodical holdings. A major purchase in the field of Applied Arts was the acquisition of the three volume catalogue of the Topkapi Saray Museum, a most important reference work on Chinese ceramics. Funds made available from the Members' Library Purposes Fund and the W.L.Cooke Family Trust greatly assisted the purchase of microfilms of the New Zealand Herald, 1957-1967. The Library now has a complete run of this newspaper from 1863 to 1980. The Members' Library Purposes Fund also permitted the purchase of a scarce numismatic work, The Currency Tokens of New Zealand, and the acquisition of Mr J.C.M. Cresswell's photograph collection which includes albums of photographs showing North Island Maori houses.

Many important donations were received. Mr John Barr gave many items, including cassette tapes of interviews with friends and associates of the late Mr Gordon Coates. Mr F.F.S. Wood presented a large and diverse collection of material about the Independent Order of Reehabites. Photographs of Auckland in the 1930s were received from Misses C.F. & B.V. Green. Donations of periodicals included sets of Notornis and Forest and Bird from Miss N. MacDonald and copies of Mariner's Mirror which were given by Mrs W. Bruin.

The activities of the Northern Archives and Records Trust Board ensured a steady flow of manuscript accessions. As a trustee I would like to thank Mr Hugh Francis, the Trust's executive officer for his efforts in locating new material. Collections which came with the assistance of the Trust included papers of the Farmers Trading Company, Tamaki Sawmilling Company, Arthur Yates and Company and the Auckland Master Builders Association. Other significant accessions were the papers of the Auckland Studio Potters and the 50th Jubilee album of the Women's Division of Federated Farmers of New Zealand containing biographies of every WDFP president since 1925. Good progress was made with the cataloguing of several major manuscript groups. Eddie Sun has now fully catalogued the papers of Ruth Ross which contain important material on many topics including Catholic history and Northland history. I am grateful to Mrs Nancy Croad whose work has included the arrangement and description of Farmers Trading Company and Presbyterian Church Records, and to Miss Enid Evans for her continued assistance with manuscript cataloguing.

In addition to his New Zealand reference duties, Gordon Maitland gives a great deal of time to work with the Photograph Collection. The results of this involvement are found in the continual flow of new pub-

lications which use photographs from our collections. Last year two such examples were Winkelmann, by Vivien Edwards and Hokianga, by Jack Lee. Gordon also contributed the text for the catalogue to Whakaahua and had a major role in the selection of images for this most successful exhibition of Maori photographs from the Library. He was also called upon to provide illustrations for several television productions, including episodes of Koha. It is very pleasing to note the progress made in the recording of photographs through the services of student assistants, Joanne Yeats and Helen Blythe, who catalogued several major collections. Miss Betty Maddock is a regular volunteer accessioning and cataloguing photographs. Michael Findlay, who was employed for three months to identify and record selected images from the vast Sparrow Collection of Auckland industrial photographs.

IAN THWAITES

Malacology

The Department has continued to provide services to the public with identifications, advice on collecting, cleaning and storing specimens, scientific literature and other pertinent information. Dr A W B Powell, who kept up a keen interest in the Malacology Department and who offered helpful assistance over the years, passed away in July.

During the year requests for assistance with information and identifications were received from museums and individuals in 10 different countries. Loans of type specimens and other molluscan material have been made to the Institut Royal des Sciences Naturelles de Belgique, Brussels, the Australian Museum, Sydney, the Institute of Malacology, Tokyo and the National Museum of N.Z., Wellington. Type specimens borrowed during the year by the Department were returned to their respective institutions, and specimens borrowed by Dr A W B Powell over the last 20 years were returned to the owners. Specimens of ammonoid and belemnoids from the Jurassic period of Kawhia harbour were displayed in *The Firth Dinosaurs* exhibition.

Visitors to the Department included Dr H. Momma, Hokkaido Institute of Mariculture, to study cold water populations of Haliotidae from the Auckland and Campbell Islands. R. Nicol, Auckland University, examined the collections for comparative purposes. Dr J. McLean, Los Angeles County Museum of Natural History, researched species of the families Liotiidae and Homalopomatinae. Mr J. Hood, Otago University, examined and photographed *Paryphanta* in his study of the dentition of various species. Prof. Riddle, Auckland University examined the collection of *Paryphanta* and the wet material of Conidae species.

During the year I worked on the deep water Turridae from the Malagasy Republic for the Museum National d'Histoire Naturelle, Paris. Extensive collections of midden shells from archaeological excavations at Khok Phanom Di, Thailand, dating from 3000-4000 B.C. were identified for Prof. C F W Higham, University of Otago. I also completed a short

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biography of Dr Powell together with a list of his scientific publications between 1921 and 1979 and an Index of some 3,000 scientific names proposed by him during his career. Dr Powell's widow, Mrs I Powell, donated his private Journals, manuscripts, photographs and part of his library to the Museum.

Mr N Gardner kindly assisted in the Department during the year. Ms Jenny Oats commenced her duties as part-time technician in the Malacology Department. The Department has continued to provide quarters for the monthly meetings of the Auckland Institute and Museum Conchology Section.

W. O. CERNOHORSKY

Marine Biology

Amongst a wide range of public services supplied this year it is interesting to note a trend for commercial fishing operations to seek advice on less recognised marine organisms. This reflects new conservation measures and quota restrictions that now apply throughout the industry. A range of inquiries have sought information on various fish products, soups and chowders, traditional smoking processes and salting techniques. Assistance was given with collecting, identification and literature relating to the seaweed *Grassileum*, an inter-tidal species of sheltered mudflats. This seaweed is one of several thought to have aquacultural potential principally as a food source from its high agar content.

In November I was pleased to gain the assistance of Jenny Oats as Zoology Technician. Many of her immediate tasks for this department have been associated with catalogues, label preparation and gaining familiarity with the collections. Jenny has made excellent progress through an accumulated backlog of material. We are now in a position to commence important revision work amongst various marine groups particularly where modern research and literature is available.

We hosted a number of visitors and research workers and subsequent loans relating to their speciality interests were organised. An introduction was given on the Museum exhibition *Te Aho Tapu* together with a private viewing of selected artefacts to a school group, parents and elders, from the Waikare district. These people, with whom I have genealogical links, were visiting Auckland to view *Te Maori*, and were also keen to visit the Museum's exhibitions.

Valuable assistance for deepwater collections continued to be available particularly through fishermen Bob Ching and John Walker. Fieldwork was completed from FV *Maria Luisa* fishing on the Ritchie Banks, off Mahia Peninsula. Despite a predominance of Orange Roughy, the targeted fish species, the catch included nearly fifty other species of community fishes from which some important material was obtained. The considerable goodwill and assistance of the crew was appreciated. It is hoped to repeat aspects of this work taking account of possible seasonal changes and small fish escapement.

Sampling for intimate sub-tidal fish faunas was continued at several northern localities. Where repeated sampling has taken place it has been interesting to find a higher than expected level of discreteness about each community.

A parasite to an isopod fossil of deepwater dories was published in the *Museum Records*. In collaboration with E. Dawson, DSIR Wellington, research on a large deepwater crab *Geryon* sp. has commenced. In addition some new distribution records for oceanic fish species, particularly the Ceratoid angler fishes will be reported as time permits.

Throughout the year the Natural History curators have met to plan long term goals for resource sharing and gallery displays.

A.B. STEPHENSON

Ornithology

I completed the reorganisation of the bird bones (excluding moas) which was started in 1985. The 600 specimens are an extremely important reference collection. The reptile - amphibian collection (mainly spirit specimens) was rehoused in 3 new steel cabinets, greatly improving access. Some 60 dead birds were accepted from the public, and 100 processed specimens were added to the bird collection. M.J. Daniel, Ecology Division, DSIR, presented 12 spirit specimens of New Zealand short-tailed bats including type material of a newly described subspecies.

Twenty-one researchers or artists visited the department and spent a total of 30 hours examining specimens in storage. I answered 545 public enquiries, an average of 12 for each week in the office. The number was raised by *The Firth Dinosaur* exhibition and by enquiries that I handled for Mr Wise while he was absent overseas. Nearly half were bird enquiries answered by telephone.

I checked the page proofs of the 3rd edition of Powell's *Native Animals of New Zealand*, and prepared indexes. The 5,000 copies were received in August. While Mr Wise was absent I proof-read the *Records* and sent them out for authors' corrections. I prepared further entries for the new checklist of New Zealand birds, and produced an account of the Chukor in New Zealand for a proposed handbook of birds. I compiled notes for the 1988 Rank Xerox bird calendar.

The Firth Dinosaurs exhibition was an exciting challenge. I assembled vertebrate material for the New Zealand section, wrote labels for these specimens, prepared a New Zealand section for the modified Australian exhibition catalogue, proof-read the catalogue and gave several interviews for radio and newspapers. I was asked to co-ordinate discussion among natural history curators which culminated in production of a draft statement of purpose for the proposed redevelopment of the natural history galleries.

The work of the department was greatly boosted by the appointment of a Zoology Technician. From November Jenny Oats devoted a third of her

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time to on-going preparation of study-skins and bones. She has quickly developed a high standard of work. She was fortunate to receive tuition from a Museum of Victoria preparator visiting in connection with the dinosaurs.

In September I obtained a personal computer and printer through a grant from the Lottery Board. It was put to use for analysis of Whitehead data, and as a departmental word-processor. David Allen submitted his M.Sc. thesis on the behavioural ecology of Whiteheads, and I was an examiner. I was also asked by Auckland University to examine a second ornithological masters thesis that related to Little Barrier Island.

I attended the Ornithological Society AGM and conference in Dunedin, and undertook to organise a publication to commemorate the 50th anniversary of the society in 1990. Institutions visited during the year were Otago Museum, the National Museum and Ecology Division (DSIR).

I gave an Institute Lecture on my Whitehead research, and spoke twice to the volunteer guides (on Bird Hall revision, and dinosaurs). I carried out a programme of systematic bird-counts in the Domain, and autopsied further cuckoos to examine their stomach contents.

B.J. GILL

Conchology Section

Members were saddened by the death in July of our founder and patron Dr A W B Powell. By his dedication he made a significant contribution to knowledge of mollusca. This is demonstrated in particular by his monumental book *New Zealand Mollusca* published in 1979.

We also mourned in September the death of life member Sir Charles Fleming.

The Conchology Section has covered a wide range of topics at its monthly meetings. Guest speakers have included Dr Brian Foster who gave a talk on Antarctica. Dr Grant-Macky spoke on fossils. Andrea Penniket showed slides of Fiji. Dr Bob Creese highlighted recent knowledge on chitons. Andrew Jeffs reviewed the efforts of the "Save Our Snails" campaign. Professor Morton talked about the development of the mussel family. Our own members made important contributions Bob Penniket showed us his excellent collection of Cymatiidae. Steve O'Shea explained his research in Invercargill. A member's collection was successfully auctioned in August attracting keen bidding.

The Easter weekend spent at Whangamata was enjoyed although the variety of birds was more noticeable than that of the molluscs. Field trips have been made to Matheson's Bay and Jim Goulstone lead a land snail trip to Titirangi, when the heavy rain brought out plenty of snails. A low

tide trip to Eastern Beach was lead for the Young Explorers Club. Shells were identified for out of town members. Shells from ancient beds in the Tamaki River were identified and their habits discussed. A brief presentation on relative shell sizes was given to an invited audience concerned with pollution in the Tamaki River.

One edition of the *Poirieria* has been published.

A questionnaire was sent to all members. The high response will be used to direct future activities.

Many thanks to the Museum for the use of facilities. Thanks also to Mr W O Cernohorsky for his attendance and support at monthly meetings.

Officers: Patron, Prof J Morton; Vice Patrons, Mr W O Cernohorsky, Mr N. Gardner; President, Mrs Margaret Morley; Vice Presidents, Mr Bob Grange, Mr Steve O'Shea; Secretaries, Mrs M Town, Mrs E Grange; Treasurer, Mr S Town. We welcome Professor Morton as our new Patron and Mr Norm Gardner as a Vice Patron.

MARGARET MORLEY

Maritime Section

Once again the year has been a successful one for the Auckland Maritime Society. While some of the monthly meetings were down on the usual attendance figures the list of guest speakers and other programmes were of variety and interest.

The Annual General Meeting in May was well attended with Admiral Sir Gordon Tait being elected to succeed Captain Ian Forrest as the Society's Patron.

Speakers at our monthly meetings were: Captain Jim Varney, Auckland Harbour Master; Ian Clark, recently retired from the N.Z. Police Waterfront Division in Auckland, entertaining a large audience with reminiscences of harbour life; Dr Philip Houghton with "Land from the Masthead"; our chairman R.J. Hawkins on shipbrokering in New Zealand; Captain Fritz Schmidt of the Danish Reefer Company, J. Lauritzen, who spoke on his exploits in the Persian/Arabian Gulf; Dick McKay who proved the popularity of the Australian Bicentenary with his talk and slide show; and Lloyds' surveyor, Peter Jackson. The year's final meeting, held in April, was a quiz on the history of the Union Steam Ship Company.

The Australian Bicentenary was a major event for the Society. A number of our members combined with the Auckland Historical Society to attend the celebrations. The Annual Dinner in October was held at McHughs of Cheltenham, unfortunately the annual Harbour excursion was not so well patronised.

Officers elected at the Annual General Meeting in May 1987 were: Chairman, R J Hawkins; Secretary, L Norwell; Treasurer, W G Perkins.

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Committee: D Brigham, D Eales, J Gall, W. Laxon, R Ward and J Webster. (Miss Norwell resigned as Secretary during the year, due to work circumstances, and T Sutcliffe took her place.)

The Society remains in a sound financial state and we look forward to a further good year.

R.J. HAWKINS

STAFF PUBLICATIONS

April 1987 to March 1988

AUCKLAND INSTITUTE AND MUSEUM

- 1987 "The Firth Dinosaurs" (exhibition catalogue). Auckland Institute & Museum, Auckland. 48p [pp. 39-40, Dinosaurs in New Zealand, by B.J.Gill].

BANGERTER, E.B.

- 1987 New and interesting records of adventive plants from the Auckland Institute and Museum Herbarium. 12. *Rec.Auckland Inst.Mus.* 24:83 - 92

BARTON, GERRY

- 1987 A Maori birdman kite in the Auckland Museum. A description and an account of the conservation treatment. *Rec.Auckland Inst.Mus.* 24:67 - 82.

BARTON, GERRY and SABINE WEIK

- 1987 An investigation into the ultrasonic cleaning of New Zealand Maori cloak materials. *ICOM Committee for Conservation, 8th Triennial meeting Sydney* pp. 87.3.189 - 87.3.194.

CERNOHORSKY, W.O.

- 1987 Type specimens of Pacific Mollusca described mainly by A. Garrett and W. Pease. With description of a new *Morula* species (Mollusca: Gastropoda). *Rec.Auckland Inst.Mus.* 24:93-106

CERNOHORSKY, W.O.

- 1987 The taxonomy of some Indo-Pacific Mollusca. Part 14. With descriptions of two new species. *Rec.Auckland Inst.Mus.* 24:107-122

CERNOHORSKY, W.O.

- 1987 Taxonomic notes on some deep-water Turridae (Mollusca: Gastropoda) from the Malagasy Republic. *Rec.Auckland Inst.Mus.* 24:123-134

GILL, B.J.

- 1987 Book review. *Auckland War Memorial Museum News* 32.
1988 Notes on the birds, reptiles and mammals of Tongatapu and 'Eua (Tonga). *Notornis* 34: 217-223.
1988 Plant lists from six small bush remnants near Levin. *N.Z. Botanical Soc.Newsletter* 11: 9-12.

GILL, B.J. (editor), W.O. CERNOHORSKY, A.B. STEPHENSON and K.A.J. WISE

- 1987 "Native Animals of New Zealand" by A.W.B.POWELL (3rd, revised edition). Auckland Institute & Museum, Auckland. 88p.

HEREWINI, M., NEICH, R., PRICKETT, N., and TAU, T.W.

- 1987 *Te Maori Teachers Supplement*. Auckland Te Maori Education Committee.

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MACKINDER, J.

1987 Waitakere Adventive Project - Part 3. *Auckland Botanical Soc. Newsletter* 42(1): 31-32.

1987 On the maintenance of a Waitakere Stream. *Auckland Botanical Soc. Newsletter* 42(1): 32-33.

1987 Cascade Stream. *Auckland Botanical Soc. Newsletter* 42(2): 69-70.

NEICH, R.

1987 Review of: Hanson, F.S. & L. "The Art of Oceania: A Bibliography". *J. Polynesian Soc.* 96 (3): 388-9.

NEICH, R.

1987 Early Maori Figurative Painting. *Art New Zealand* 45: 70-4.

PARK, STUART NEVILLE A. RITCHIE and —

1987 Chinese coins down under: their role on the New Zealand gold-fields. *Australian J. Historical Archaeology* 5:41-48

PENDERGRAST, M.

1987 *Fun with Flax*. Reed Methuen.

1987 *Tē Aho Tapu. The Sacred Thread*. (Photographs by Brian Brake) Reed Methuen.

PRICKETT, NIGEL

1987 The Brambley Collection of Maori artefacts, Auckland Museum. *Rec. Auckland Inst. Mus.* 24:1-66

STEPHENSON, A.B.

1987 Additional notes on *Livoneca neocyttus* (Isopoda: Cymothoidae). *Rec. Auckland Inst. Mus.* 24:135-142

WISE, K.A.J., L. DEHARVENG and —

1987 A new genus of Collembola (Neanuridae: Neanurinae) from southern New Zealand. *Rec. Auckland Inst. Mus.* 4: 143-146.

WOLFE, R.

1987 *Well Made New Zealand: A Century of Trademarks* Reed Methuen, 139p.

WRIGHT, A.E.

1987 Matuku Reserve. *Auckland Botanical Soc. Newsletter* 42(1):30.

1987 Council of Heads of Australian Herbaria (CHAH), Darwin 25-26 August 1987. *N.Z. Botanical Soc. Newsletter* 9:14-15.

1988 *Juncus dregeanus*. *N.Z. Botanical Soc. Newsletter* 11: 13-14.

WRIGHT, A.E. E.K. CAMERON, G.T.S. BAYLIS and —

1987 Vegetation quadrats 1982-83 and broad regeneration patterns on Great Island, Three Kings Islands, northern New Zealand. *Rec. Auckland Inst. Mus.* 24:163-185.

ACCESSIONS 1987-88

We are grateful to the following for the gift of items during the year:

Messrs: G.B. Abel, B. Alabaster, C. Alldritt, R. Anderson, Dr. A.G. Armitage, A. Astwood, J.M. Barr, J.E. Bellingham, K.E. Carter, N.C. Chappell, J. Clarke, W.L. Cooke, M.J. Daniel, J.C. Davenport, T. Deed, G. Dingley, B. Eccles, S. Elder, Sir Charles Fleming, R. Foster, G.W. Frater, N. Gardiner, Dr R. Gardner, B. Greener, M.L. Gribble, K.J. Hager, D. Hall, W. Halliday, J. Hamvai, C.L. Harlen, J.N. Harold, J.H. Henderson, Hepple, J. Holloway, Dr. W.E. Hoyle, N. Ingall, P.D. Jackson, B. Jarvis, J. Kronfield, G.B. Lane, N.W. Leaf, R. Le Grice, R. Lendrum, R. Lockley, R.H. Lockstone, S. Lupton, N.G. Manly, A. Melville, J. Morgan, J.L. Murcer, K.J. Nobbs, G.S. Park, W. Parsonage, Dr E. Pawson R.E. Pulham, L.T.J. Pycroft, M. Robinson, L. Naughton, Sir William Rodger, L. Rothschild, D. Rauwhero, Prof Dr S. Sakai, R.D. Sansom, J.F.Y. Schischka, J.D. Shepherd, R.B. Sibson, L.S. Stanners, P. Stichbury, H.P. Stoffel, R.G. Sutton, Dr R.M.S. Taylor, E.G. Turbott, C.R. Veitch, R.B. Verry, F. Watson, J.P. Webster, C. Whyte, T. Wildy, J. Williams, L. Wotton.

Mesdames: V. Airey, G.I. Attwood, W. Beattie, M. Best, P. Bond, Blaine, E. Brady, E.I. Brash, T. Forrest-Brown, W. Bruin, M. Buckley, R.H. Caughey, S.R. Daley, J.H. Dexter, J. Dunlop, J. Druett, Lady Margaret Fleming, F. Foster, L. Fox, Gallagher, G.R. Gamble, P. Gannon, N.W. Gardner, M. Hall, F.M. Hallam, L. Henley, S. Hill, T.M. Hunter, N. Keesing, S. Kendall, E. Kirk, W. Lewis, E. McKlintock, J. McMurray, E. Mason, B. May, H. Meikle, V.E. Mossong, I.B. Normald, A.E. O'Brien, L. Owen, M. Pendergrast, I.M. Powell, G. Printer, P. Rare, A. Reidy, G. Relf, V. Robb, L.A. Romer, S. Ross, J. Smith, C.R. Snell, L.F. Taylor, V. Taylor, R. Tisch, J. Towsey, V. Trussell, E. Wade, M. Wagstaff, J.M. Watkins, S.M. Weight, M. Wilkinson, A.C. Worden, S. Younie

Misses: N.R. Bamford, A. Banbury, P.M. Bawden, J.A. Baxter, D. Cleary, P. Crowley, L. Gardner, C.F. Green, B.V. Green, E. Halloran, D. Hoyle, M. Jackson, J. Jonson, Mr & Mrs M.A. Lockley, P. McLeod, N. Macdonald, B. Maddock, O.G. Poole, P. Perrin, P.C. Perrin, P.R. Perrin, Y.E. Perrin, Dr T. Riordan, E.N. Robinson, E. Spilman, F. Willis.

Ms: L.A. Auld, P. Jackson, R.M. Tabrah.

Anglican Church Birkdale/Beachhaven, Mr A.E. & Mrs M.J. Blundell, Mr & Mrs S.J. Brindle, Charles Devonshire Estate, Mr S.F. & Mrs J.A. Drexel, Department of Conservation, Dilworth School, Dodgson Family, Embassy of the Federal Republic of Germany, Girls Brigade International Council, New Zealand Federation of University Women Christchurch and North Shore Branches, NZ Maori Art and Craft Institute, Papakura Museum, Mr & Mrs Sio, The Girls Bridge International Council, Wah Lee Company, Warkworth & District Museum.

RECENT BENEFACTORS OF THE AUCKLAND INSTITUTE AND MUSEUM

(A complete list since 1876 last appeared in the Annual Report for 1979-80).

MONETARY GIFTS

- 1978 **Auckland Savings Bank:** \$4,000 towards installation of wheelchair ramp.
Mr R. Court: Cost of curtaining in Hall of Pacific, including installation.
R. T. Sheppard and Co. Ltd: \$500 for research activities.
Sir John Logan Campbell Trust: \$15,000 as second instalment of a total of \$51,000 towards the installation of 'Auckland Landscapes — Past and Future'.
- 1979 **Auckland Savings Bank:** \$4,000 for audio-visual introduction to Hall of the Pacific and towards the cost of installing further mobile shelving in Herbarium.
Corbans Holdings Ltd: \$500 towards cataloguing and housing costs relating to the Corban family archives.
Miss J. H. G. Gollan: Bequest of \$203.
New Zealand Law Society: Donation of \$500.
Sir John Logan Campbell Trust: \$15,000 as third instalment of a total of \$51,000 towards the installation of 'Auckland Landscapes — Past and Future'.
Dr Lucy M. Cranwell: \$4,000 towards the publication costs of *The Botany of Auckland*.
- 1980 **Auckland Savings Bank:** \$4,000 for modifications to Maori Court display cases.
Sir John Logan Campbell Trust: \$16,000 as final instalment of a gift of \$51,000 towards the 'Auckland Landscapes — Past and Future' installation.
Mr W. L. Cooke and family: A property valued at over \$55,000, the income to be used for library purposes.
Miss R. M. Peek: Bequest of \$3,100.
Mr D. F. Whitmore: Bequest of \$500.
- 1981 **Auckland Savings Bank:** \$4,000 for care and storage of collections.
Sir John Logan Campbell Trust: A further grant of \$9,000 towards 'Auckland Landscapes — Past and Future'.
Miss A. Z. Dixon: Bequest of over \$50,000.
Mr E. F. Hilton: Bequest of over \$23,000 for the purchase and display of shells.
New Zealand Insurance Co. Ltd: \$20,000 for the film for 'Auckland Landscapes'.
Smith and Caughey Ltd: Donation of \$5,000.
Mrs L. E. Worth: The C. H. Worth Memorial Fund of \$12,000.
- 1982 **Auckland Savings Bank:** \$5,000 towards improving disabled access at the Museum.

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- 1983 **Auckland Savings Bank:** \$5,000 towards the development of conservation facilities.
- Department of Internal Affairs, Lottery Profits Board of Control, Committee for the Conservation of Cultural Property:** \$10,000 towards the development of conservation facilities.
- Department of Internal Affairs, Lottery Profits Board of Control, Scientific Research Distribution Committee:** \$10,000 in support of the publication of a Museum *Bulletin* By Mr W. O. Cernohorsky; \$3,000 in support of the publication of a Museum *Bulletin* by Lady Aileen Fox.
- Disney Art Trust:** A\$7,500 to assist in the purchase of objects for the Applied Arts Department at the Museum.
- New Zealand Society of Genealogists:** \$1,100 towards the purchase of a microfilm reader in the Museum Library.
- Sir John Logan Campbell Trust:** \$10,000 for the development of the Maori display galleries at the Museum.
- Telethon Trust for the International Year of Disabled Persons:** \$5,000 to assist in improving disabled access at the Museum.
- Willi Fels Memorial Trust:** \$2,500 towards the publication of the Museum *Bulletin* by Lady Aileen Fox.
- 1984 **Auckland Savings Bank:** \$5,000 towards Maori display development.
- Sir John Logan Campbell Trust:** \$5,000 towards Maori display development.
- Mr R. B. Sibson:** \$2,000 for purchase of books for Museum Library.
- Disney Art Trust:** A\$8,000 for purchase of applied arts objects.
- 1985 **Auckland Savings Bank:** \$6,000 towards Maori display development.
- Sir John Logan Campbell Trust:** \$15,000 for a model in the Maori display development.
- Disney Art Trust:** A\$9,000 for purchase of applied arts objects.
- New Zealand Lottery Board:** \$50,000 towards Maori display development, \$17,000 for Museums Liaison Officer, \$15,000 for scientific research.
- 1986 **Auckland Savings Bank:** \$7,000 toward Maori display development.
- Sir John Logan Campbell Trust:** \$5,000 for ceramic storage.
- Disney Art Trust:** A\$21,600 for purchases of applied arts objects.
- New Zealand Lottery Board:** \$20,000 for a vehicle, and \$20,172 for salary and expenses for Museum's Liaison Officer; \$50,000 towards Maori display development.
- Mr J. Seabrook:** A bequest of \$5,000.
- Dr L.A. Spedding:** A bequest valued at over \$150,000.
- 1987 **Auckland Savings Bank:** \$7,000 toward ceramics study storage.
- Disney Art Trust:** \$26,825 for purchases of applied arts objects.
- Fletcher Challenge Charitable Trust:** \$2,000 for school loan displays.
- New Zealand Lottery Board:** \$24,093 towards salary and expenses for the Museums' Liaison Officer; \$20,000 for lichen curation; \$3,000 for study of whiteheads.

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- 1988 **Auckland Savings Bank:** \$8,000 towards the Maori carving store developments.
Bank of New Zealand: \$3,000 for general purposes.
Disney Art Trust: \$47,415 for the purchase of Applied Arts objects.
Firth Concrete Products: Sponsorship of "The Firth Dinosaurs"
Logan Campbell Residuary Estate: \$8,000 for World War One Displays.
Mr R.A. Yock: \$3,050 from the R.A. Yock Charitable Trust.
New Zealand Steel: Sponsorship of "Te Aho Tapu" exhibition.
New Zealand Lottery Board: \$104,665, towards the redevelopment of the Maori display and storage areas, the salary and expenses for the Museums' Liaison Officer, research on the Whiteheads of Little Barrier Island and the publication of Three Kings Islands research.

SPECIMENS AND BOOKS

- 1978 **Professor J. Golson:** Extensive New Zealand archaeological collection.
- 1979 **Miss A. T. H. B. Cumming:** Victorian and Edwardian jewellery.
Dr E. C. S. Little: Chinese decorated silver presentation bowl.
Mr L. Wintle: Collections of Chinese enamels and ceramics, and of English china and glass.
- 1980 **Mr John Seabrook, C.M.G.:** A holograph letter of James Cook.
- 1981 **Mrs Mavis Bramely:** A collection of Maori artefacts from South Manukau.
Miss A. T. H. B. Cumming: A collection of eighteenth and nineteenth century silver and china.
Mr A. G. W. Dunningham: For the Margaret M. Dunningham Collection, nineteen items from the Balinese Folk Art Exhibition, 1974-75, and items from India, China and Indonesia.
Mr Dick Scott: A collection of material related to the New Zealand wine industry.
- 1982 **Mrs G. E. Bell:** Bequeathed a painting by C. F. Goldie.
Mrs N. Hodges: A Genevan or Breeches Bible, 1611.
- 1984 **Mrs Aya Kiuchi:** Collection of woven textiles from Asahikawa, Japan.
- 1985 **Bequest C. R. G. Bassett V. C.:** Group of eleven medals.
Prof C. Chambers and Mrs M. Kerby: Hei tiki.

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- Mr C. Fenwick:** Collection of Gallipoli photographs.
Brigade of Guards: Coldstream Guard's uniform.
Dr. B. W. and Mrs G. C. Hayward: Herbarium of New Zealand lichens.
Dr and Mrs J. B. Liggins bequest: Hei tiki from Oruarangi.
Mr John MacDonald: Painted Regency chair.
Prof H. E. and Mrs H. C. Maude: Ethnographic collection from Kiribati and Pitcairn Island.
Mr E. D. Pritchard: Collection of New Zealand Coleoptera and other insects.
- 1986 **Mr L. Cyprian Bridge and family:** Silver inkstand and other items associated with Col. Cyprian Bridge, 58th Regiment.
Mr J.T. Diamond: A collection of Auckland chimney pots.
- 1987 **Auckland Regional Authority:** Hunua Forest herbarium.
Mr J.K. Bartlett: Bequest of lichen herbarium.
Mr J. Webster: Collection of New Zealand ceramics.
- 1988 **Mackelvie Trust:** A Liberty oak sideboard.

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AUCKLAND INSTITUTE AND MUSEUM

BALANCE SHEET AS AT 31st MARCH 1988

LIABILITIES		1988	1987
		\$	\$
Current Liabilities —			
Bank Overdrafts	31,896	101,599	
Sundry Creditors	193,565	204,566	
Subscriptions in Advance	298	560	
		<u>225,759</u>	<u>306,725</u>
Trusts and Endowments —			
As per Statement:			
Trusts	1,200,068	796,006	
General Endowments	910,991	897,732	
		<u>2,111,059</u>	<u>1,693,738</u>
Reserves, Gifts, Grants and Provisions —			
As per Statement:			
		631,963	454,731
Capital —			
Balance 1 April	4,320,634	4,072,874	
Add Additions during year	465,902	247,760	
	<u>4,786,536</u>	<u>4,320,634</u>	
Add —			
Balance Appropriation Account	251,410	199,419	
		<u>5,037,946</u>	<u>4,520,053</u>
		<u>8,006,727</u>	<u>6,975,247</u>
		<u>8,006,727</u>	<u>6,975,247</u>
ASSETS		1988	1987
		\$	\$
Current Assets —			
Cash in Hand	5,225	4,775	
Cash at Banks	19,222	29,614	
Sundry Debtors & Prepayments	147,263	414,021	
Subscriptions in Arrears	1,633	4,381	
Stock in Hand	355,101	347,932	
Deposits at Call	137,481	100,000	
Investments, at cost		665,925	900,723
Auckland Savings Bank			
Term Deposit	213,721	190,000	
Bank of New Zealand			
Term Deposit	160,465	431,392	
Commercial Bills	295,110	—	
Local Authority Stock	21,164	29,164	
Shares in Companies	40,435	40,435	
		<u>730,895</u>	<u>690,991</u>
Trust Investments —			
BNZ Term Deposits	475,116	—	
Freehold Property	542,310	595,310	
		<u>1,017,426</u>	<u>595,310</u>
Endowment Investments —			
Westpac T.C.D. etc	479,992	—	
Government Stock	13,161	13,161	
Shares in Companies	311,567	453,203	
		<u>804,720</u>	<u>466,364</u>
Fixed Assets, at cost			
Buildings	1,673,811	1,585,728	
Collections	805,009	747,708	
Displays	680,385	574,790	
Equipment, Tools, etc	255,804	212,119	
Furniture and Fittings	534,914	490,809	
Library	796,609	669,476	
Motor Vehicles	41,229	41,229	
		<u>4,787,761</u>	<u>4,321,859</u>
		<u>8,006,727</u>	<u>6,975,247</u>

G.S. PARK,
TREASURER

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AUCKLAND INSTITUTE AND MUSEUM **INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 1988**

EXPENDITURE		1988	1988 Budget
1987		\$	\$
\$	Employment Costs —		
1,410,587	Salaries & Wages	1,705,699	1,722,322
17,288	Non-Taxable Allowances	24,084	25,000
9,308	Retiring Allowances	42,711	40,000
65,687	Superannuation	78,329	80,000
8,262	Accident Compensation Levy	29,028	33,800
1,511,132		1,879,851	1,901,122
	Administration Expenses —		
6,411	Audit Fee	8,579	8,000
26,891	Cleaning, Laundry & Custodial	28,796	30,000
2,658	Councillors' Travelling	2,490	3,000
7,913	Equipment Hire	—	—
1,945	Freight and Cartage	3,407	1,750
39,787	General	56,947	52,000
43,479	Heating, Lighting & Water	52,290	75,000
24,741	Insurance	27,889	33,000
754	Legal Fees	1,440	1,000
35,417	Postages, Telephones & Tolls	42,765	50,000
59,156	Printing & Stationery	53,487	60,000
25,898	Rates — Auckland City Council	34,611	33,000
24,581	Travelling	27,095	38,000
—	Publications (see Notes to Accts)	46,668	—
299,631		386,464	384,750
	Conservation & Display —		
17,300	Display Expenses	13,344	14,000
6,408	Conservation & Taxidermy	18,149	14,500
11,410	Extension Service	10,549	11,000
24,013	Special Exhibitions	17,528	20,000
9,331	Photography	9,970	10,000
1,186	Voluntary Guide Costs	862	1,000
69,648		70,402	70,500
	Institute —		
11,972	Expenses	18,467	12,500
1,450	Subscriptions Written Off	1,705	1,500
13,422		20,172	14,000
	Repairs & Maintenance —		
11,077	Building (see Notes to accts)	15,349	15,000
18,863	Electrical Fittings	21,427	21,000
8,388	Equipment & General	10,419	9,000
6,910	Showcases & Furniture	7,671	14,000
45,238		54,866	59,000
	Depreciation —		
10,202	Displays	12,938	10,500
10,932	Equipment, Plant & Tools	14,689	10,500
12,387	Furniture & Fittings	14,205	12,375
1,625	Motor Vehicle	1,625	1,625
35,146		43,457	35,000
	Unauthorised Expenditure —		
834	Entertainment of Guests, etc	680	1,000
1,975,051		2,455,892	2,465,372
373,503	Balance transferred to Appropriation Account	477,088	437,420
2,348,554		2,932,980	2,902,792

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AUCKLAND INSTITUTE AND MUSEUM INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 1988

1987	INCOME	1988	1988 Budget
\$		\$	\$
	Contributions from Local Authorities —		
1,797,000	Metropolitan & Provincial Statutory	2,278,792	2,278,792
26,165	Provincial Voluntary	21,992	25,000
<u>1,823,165</u>		<u>2,300,784</u>	<u>2,303,792</u>
	Grants from Government, etc —		
6,000	Administration of Antiquities Act	6,667	6,500
20,162	Art Galleries & Museums Scheme	24,093	24,000
4,136	Subsidised Work Schemes	4,550	4,500
<u>30,298</u>		<u>35,310</u>	<u>35,000</u>
	Subscriptions —		
3,186	Life Members	3,150	3,000
20,650	Annual	16,730	17,000
<u>23,836</u>		<u>19,880</u>	<u>20,000</u>
	Donations —		
4,126	Miscellaneous	8,574	5,000
	Interest & Dividends —		
2,841	Trusts	3,267	3,250
4,760	General Endowments	5,127	5,100
129,432	General Fund	168,969	176,650
<u>137,033</u>		<u>177,363</u>	<u>185,000</u>
	Income from Sales & Services —		
7,624	Auditorium, net	10,708	7,000
37,455	Coffee Lounge, net	66,792	20,000
2,450	Exhibition Hall	2,626	3,000
1,557	Planetarium	4,152	2,500
3,135	Publications	—	—
277,725	Shop, net	304,133	320,000
150	Miscellaneous Receipts	2,658	1,500
<u>330,096</u>		<u>391,069</u>	<u>354,000</u>
<u>2,348,554</u>		<u>2,932,980</u>	<u>2,902,792</u>

AUCKLAND INSTITUTE AND MUSEUM

APPROPRIATION ACCOUNT FOR THE YEAR ENDED 31st MARCH 1988

	1988	1987		1988	1987
	\$	\$		\$	\$
Capital Expenditure from Revenue	123,862	84,610	Balance as at 1 April	199,419	77,448
Capital Expenditure from Reserves, etc	255,985	126,749	Balance from Income & Expenditure Account	477,089	373,503
Capital Expenditure from Trusts	47,330	4,279	Transfers from —		
General Endowment	1,000	1,000	Trusts		
Difference in Student Subsidy (86/87)	386	1,605	B Wilson — Cinematography	—	1,896
Life Members' Subscription Endowment	3,150	3,186	L J Ayre — Philately	600	171
Publications Reserve	—	3,134	W L Cooke Family — Library	35,363	1,600
Building Maintenance Reserve	150,000	70,000	J C Entrican — Numismatic	198	212
Museum Display Development Fund	100,000	70,000	E F Hilton — Malacology	11,168	—
Museum Development Reserve	80,000	—	Mackechnie — Library	—	400
Specimen Purchase Fund	15,000	12,000	Reserves, Gifts, Grants & Endowments		
Exchange Loss on Overseas Investments	364	6,620	Publications Reserve	46,668	—
Depreciation Provision	1,360	—	Depreciation of Coffee Lounge Assets	—	5,749
Balance carried down	251,410	199,419	Depreciation of Shop Assets	—	3,709
			Disney Fund — Specimens	27,457	22,326
			Members Library Purposes Fund	4,113	2,157
			Museum Display Development Fund	125,479	80,227
			Museum Development Fund	88,083	—
			NZ Government Environmental Grant	—	2,874
			NZ Lottery Board — Capital Grants	5,270	—
			Specimen Purchase Fund	6,943	9,708
			Profit on Sale of Shares (incl Rights)	—	622
			Refund on credit ex 86/87	1,997	—
	<u>1,029,847</u>	<u>582,602</u>		<u>1,029,847</u>	<u>582,602</u>

EDWARD EARLE VAILE ENDOWMENT AND BEQUEST ACCOUNT
(A summary of this account is included in the Statement of Trusts)

	1988 \$	1987 \$		1988 \$	1987 \$
Capital Expenditure —			Rents Received —		
Collections	10,965	7,364		95,026	97,467
Library	<u>27,760</u>	<u>24,758</u>	Less Expenses —		
	38,725	32,122	Repairs & Maintenance	320	214
			Valuation Fee	<u>—</u>	<u>980</u>
Archaeology —				(320)	(1,194)
Salary, Wages & Superannuation	47,029	41,923	Net Rents	94,706	96,273
Travelling, Field Expenses & Sundry	<u>2,700</u>	<u>931</u>	Interest —		
	49,729	42,854	Term Deposit	9,870	6,599
Transfer to Obsolescence Fund	5,973	5,973	Balance brought down	28,868	11,317
Interest on Obsolescence Fund	<u>6,019</u>	<u>4,372</u>			
	11,992	10,345			
Balance carried down	<u>32,998</u>	<u>28,868</u>			
	<u><u>133,444</u></u>	<u><u>114,189</u></u>		<u><u>133,444</u></u>	<u><u>114,189</u></u>

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STATEMENT OF TRUSTS: SPECIFIC AND GENERAL ENDOWMENTS: RESERVES, GIFTS, GRANTS AND PROVISIONS

Description	Capital Balance 1/4/87	Income Balance 1/4/87	Interest	Other Receipts	Detail	Total Income	Payments	Detail	Income Balance 31/3/88	Capital Balance 31/3/88	Total
TRUSTS											
Accumulating Endowment	5,391.67		620.04			620.04				6,011.71	6,011.71
H.G. Atkinson — Research	1,478.48	1,595.15	170.02			170.02			1,765.17	1,478.48	3,243.65
L.J. Ayre — Philately	1,777.92	761.40	204.46			204.46	599.76	Approp. A/c	366.10	1,777.92	3,243.65
W.L. Cooke Family — Library	53,000.00	1,525.01		318,957.10	Gain Prop Sale	318,957.10					2,144.02
				64,897.11	Rent/Interest	64,897.11	33,357.58	Approp. A/c	33,064.54	371,957.10	405,021.64
Property Depreciation Fund	2,006.06						2,006.06	Approp. A/c			
J.C. Entrican — Numismatics	2,000.00		230.00			230.00	197.87	Approp. A/c	32.13	2,000.00	2,032.13
E.F. Hilton — Malacology	24,383.59	10,816.57	2,804.11			2,804.11	11,168.20	Approp. A/c	2,452.48	24,383.59	26,836.07
Mackechnie — Library	4,000.00	20.00	460.00			460.00			460.00	4,000.00	4,460.00
Janet McLennan — School Service	2,000.00	443.20	230.00			230.00	324.00	Sch Services	349.20	2,000.00	2,349.20
Mitchelson Prize	400.00	613.81	46.00			46.00			659.81	400.00	1,059.81
Museum Endowment	28,406.80		3,266.78			3,266.78	3,266.78	I. & E. A/c		28,406.80	28,406.80
Pond Cheeseman Bequest											
Commemoration Prize	290.00	411.87	33.35			33.35			445.22	290.00	735.22
Sir Carnock Robertson — Research	1,200.00	440.16	138.00			138.00			578.16	1,200.00	1,778.16
C.J. Shaw — Natural History and											
Ethnology Purchases	2,000.00	1,857.53	230.00			230.00			2,087.53	2,000.00	4,087.53
Edward Earle Vaile —											
Ethnology, Library	540,060.94	28,868.09	9,870.00	95,025.96	Gross Rents	104,895.96	100,766.41	Vaile A/c	32,997.64	540,060.94	573,058.58
Vaile Obsolescence Fund	52,340.99		6,019.21	5,973.00	Depreciation	11,992.21	8,040.45	Rep. & Mtce	56,292.75	56,292.75	56,292.75
Bertha Wilson — Cinematography	4,000.00	4,080.09	460.00			460.00			4,540.09	4,000.00	8,540.09
— Photography	2,000.00	1,171.63	230.00			230.00			1,401.63	2,000.00	3,401.63
C.H. Worth Memorial — Research	12,000.00	4,665.00	1,380.00	231.09	Oceanographic						
				3,822.12	Nuffield Grant	5,433.21	325.00	Resrch Exp	9,773.21	12,000.00	21,773.21
Life Members' Subscriptions	44,582.64		5,127.00	3,150.00	Approp. A/c	8,277.00	5,127.00	I. & E. A/c	47,732.64	47,732.64	47,732.64
B. Fletcher Flag				1,000.00	Gift	1,000.00					
				83.33	Interest	83.33			83.33	1,000.00	1,083.33
	783,319.09	57,269.51	31,518.97	493,139.71		524,658.68	165,179.11		91,076.24	1,108,991.93	1,200,068.17
GENERAL ENDOWMENTS											
General Endowment	14,756.71		1,844.59	1,000.00	Approp. A/c	2,844.59				17,601.30	17,601.30
Eleanor L. Hellaby Bequest	19,384.65		2,423.08			2,423.08				21,807.73	21,807.73
Rose B. Hellaby Bequest	3,823.00		477.87			477.87			4,300.87	4,300.87	4,300.87
Houghton Bequest	1,147.26		143.41			143.41			1,290.67	1,290.67	1,290.67
J. Seabrook Bequest	3,453.05		431.63			431.63			3,884.68	3,884.68	3,884.68
L.A. Spedding Bequest	800,682.81	9,902.45	3,771.24	85,074.47	Divs/Interest	88,845.71	37,825.55	Loss - Shares	98,748.16	762,857.26	861,605.42
D.F. Whitmore Bequest			500.00		Bequest	500.00				500.00	500.00
	843,247.48	9,902.45	9,091.82	86,574.47		95,666.29	37,825.55		98,748.16	812,242.51	910,990.67

RESERVES, GIFTS, GRANTS AND PROVISIONS

Building Maintenance	(59,437.07)		8,000.00	A S B Grant						
Other Transfers			150,000.00	Approp. A/c	158,000.00	44,698.46	Rep & Mtce	53,864.47	53,864.47	
Museum Development			80,000.00	Approp. A/c	80,000.00	132,082.68	Improv'mnts	(52,082.68)	(52,082.68)	
Depreciation of Investments	3,277.56	409.69			409.69			3,687.25	3,687.25	
Depreciation of Assets	232,875.22	29,109.40	61,840.14	Dep'n; Grant	90,949.54			323,824.76	323,824.76	
Education Service Grants —	2,365.18	295.65	406.64	Kits etc	702.29	1,695.02	School Serv.	1,372.45	1,372.45	
Government Grants —										
Administration of Antiquities			6,666.67	Grant	6,666.67	6,666.67	I. & E. A/c			
Environmental Grants Scheme										
Subsidised Employment Programme			4,550.00	Subsidy	4,550.00	4,550.00	I. & E. A/c			
Horton — Geology	822.23	102.78			102.78			925.01	925.01	
Malacology Donations										
Members' Library Purposes Fund	15,170.97	1,896.37	4,717.28	Donations	6,613.65	6,368.65	Exp + Approp	15,415.97	15,415.97	
Memorial Halls	19,558.98	2,444.87			2,444.87			22,003.85	22,003.85	
Museum Display Development Fund	42,334.79	5,291.85	19,033.50	NZ Steel Grant						
Other Transfers)			26,057.22	Donations		77,884.01	Rep & Mtce			
)			100,000.00	Approp. A/c	150,382.57	125,478.80	Improv'mnts	(10,645.45)	(10,645.45)	
N.Z. Historic Places Trust	260.79	32.60	6,000.00	D.O.C. Grant		8,114.50	Excavation			
			1,821.11	Vaile A/c	7,853.71					
N.Z. Lottery Board —										
Art Galleries & Museums Scheme			24,093.00	Grant	24,093.00	24,093.00	I. & E. A/c			
Conservation Equipment	3,475.44	434.43			434.43	3,909.87	Approp. A/c			
Motor Vehicle — Liaison Officer			1,360.10	Grant (Bal.)	1,360.10	1,360.10	Approp. A/c			
Research Grant —										
Botany/Entomology	405.49	50.69			50.69	456.18	NZ Lottery			
Nuffield Grant	3,822.12					3,822.12	C.H. Worth Ac			
Oceanographic Grant	231.09					231.09	C.H. Worth Ac			
Publications Reserve	148,759.20	15,467.07			15,467.07	46,667.72	Loss -Approp	117,558.55	117,558.55	
Sibson — Library	2,759.62	344.95			344.95			3,104.57	3,104.57	
Special Visitors Fund	1,591.43	198.93			198.93			1,790.36	1,790.36	
Specimen Purchase Fund	2,947.21	368.40	15,000.00	Approp. A/c		6,943.14	Approp. A/c			
Members' Donations			2,901.00	Donations	18,269.40			14,273.47	14,273.47	
Specimen Purchase — Disney Art. Trust	17,999.23	2,249.90	33,018.40	Grant/Bequest						
Other Transfers			12,146.94	Tax Refund	47,415.24	27,457.14	Approp. A/c	37,957.33	37,957.33	
Sir John Logan Campbell Trust										
— Restoration of Stonework	4,936.53	617.07			617.07			5,553.60	5,553.60	
— Ceramics Storage	10,575.00	1,321.87	7,000.00	Grant	8,321.87			18,896.87	18,896.87	
Curtain Donations			5,005.50	Donations	5,005.50			5,005.50	5,005.50	
Firth Dinosaurs			69,457.21	Exhib Nett Inc	69,457.21			69,457.21	69,457.21	
	454,731.01		60,636.52		699,711.23	522,479.15		631,963.09	631,963.09	

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AUCKLAND INSTITUTE AND MUSEUM STATEMENT OF CHANGES IN FINANCIAL POSITION FOR YEAR ENDED 31st MARCH 1988

FUNDS WERE PROVIDED:		\$	\$
(1) From Operations:—			
General Funds			
Excess of Income over Expenditure		477,089	
Items not involving movement of funds—			
Depreciation of Assets		61,840	538,929
Special Funds—			
Donations, Bequests, Grants and other Receipts		802,386	
Interest and Dividends		101,247	
		903,633	
Less Expended on Operations			572,270
Total Funds from Operations			1,111,199
(2) From Other Sources:—			
Credit ex 1986/87		1,997	
Decrease in Nett Current Assets		153,832	
Less:			
Exchange Loss on			
Overseas Investments	364		
Difference in Student			
Subsidy 1986/87	386	(750)	155,079
			1,266,278
FUNDS WERE APPLIED TO:—			
Purchase of Investments		800,376	
Purchase of Fixed Assets		465,902	
			1,266,278
MOVEMENT IN NETT CURRENT ASSETS		\$	\$
Increase:			
Cash in Hand and at Banks		27,539	
Stocks		7,169	
Decrease:			
Bank Overdraft		69,703	
Subscriptions in Advance		262	
Creditors		11,001	115,674
Debtors & Prepayments		266,758	
Subscriptions in Arrears		2,748	269,506
Decrease in Nett Current Assets			153,832

AUCKLAND INSTITUTE AND MUSEUM
NOTES TO THE ACCOUNTS FOR THE YEAR ENDED 31st MARCH
1988

STATEMENT OF ACCOUNTING POLICIES

These accounts have been prepared in accordance with general accounting principles recommended by the New Zealand Society of Accountants for the measurement and reporting of earnings and financial position on a historical cost basis. Accrual accounting is used to match expenses and revenues with the exception referred to in paragraph (f) ii below. Reliance has been placed on the assumption that the entity is a going concern.

The following particular accounting principles which materially affect the measurement of income, and of the overall financial position as disclosed by these financial statements, have been applied:-

(a) Stocks

Stocks in all instances are valued at cost and adequate provision has been made for obsolescence, deterioration, or damage.

Publications Stocks of Guides, Leaflets etc. of a value of \$15,877 last year have been written off in the current year. Likewise, Records Vols. 7-19 valued at \$22,511, Bulletins Nos. 3-5 valued at \$1,519 and Reprints Vol. 21 valued at \$722 have been written off. Records Vols. 1-6 (\$1,003) and Reprints Vol. 20 (\$1,585) were written off as at 31 March 1986.

Some \$40,600 has thus been written off in the current year to clear old stocks from the accounts. This write off forms the bulk of the loss in the Publications Account (\$46,668).

(b) Investments

(i) The book value of shares and some Government and Local Authority stocks represents the market value pertaining at the date of gift or bequest.

(ii) Overseas investments, including bank balances, have been converted to New Zealand currency at rates of exchange ruling on 31 March 1988.

(iii) Other investments, including the Vaile Trust property at Wiri, are shown at cost.

(c) Fixed Assets

Fixed Assets are shown at cost in the balance sheet. Collections which have been donated or bequeathed to the Museum are not included due to the nature and impracticability of valuing such assets.

(d) Depreciation

(i) Furniture and Fittings, Displays, Equipment and Tools (including Motor Vehicles) are depreciated on a straight-line basis in accordance with the estimated economic lives of the assets, and the sum so provided is transferred to Reserve. The useful lives of the major classes of assets have been estimated as follows:

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Motor vehicles	10 years
Equipment, Plant and Tools	20 years
Furniture Fittings	25 years
Displays	50 years

In prior years depreciation was calculated on the balance in the asset account as at the previous 1st April. This method has been changed to include assets purchased during the year in the depreciation calculation on the normal time factor basis.

It should be noted that the crediting of interest to the Depreciation Reserve on a compounding basis adds almost another 50% to the stated rate of depreciation.

- (ii) No depreciation is provided for the Building; instead, lump sum transfers, as determined by Council, are normally made each year to building Maintenance Reserve. (Items of routine maintenance are charged to Income and Expenditure Account; expenditure of a more substantial nature is charged directly to the Reserve).

- (iii) Depreciation on the Vaile Trust Building at Wiri has been provided for at standard rates on a straight-line basis.

(e) **Trusts, Endowments, etc.**

Funds received for special purposes are placed in a reserve, and recognised as income in the year in which such funds or the interest arising from them are received.

New Trust Funds and Funds ex the sale of the Kent Street property (W.L. Cooke) have been separately invested during the year.

Trust Funds of \$1,200,068 are covered by specific investments of \$1,017,426 and \$182,642 of General Investments.

Reserves and Grants of \$631,963 are represented by the balance of General Investments and \$83,710 of Deposits at Call.

(f) **Income**

- (i) Revenue from sales and services includes both cash and credit sales. Bad debts have been written off where appropriate.
- (ii) Investment income is included on an accrual basis, except that interest received from sums on term deposit overseas is recorded on a cash basis.

There are no changes in accounting policies as compared with the previous year except as stated above.

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REPORT OF THE AUDIT OFFICE

The Audit Office, having been appointed in terms of section 13, Auckland War Memorial Museum Maintenance Act 1979, has audited the financial statements of the Auckland Institute and Museum.

The audit was conducted in accordance with generally accepted auditing standards and practices.

In the opinion of the Audit Office, the attached financial statements appearing on pages 49 to 58 fairly reflect, the financial position as at 31 March 1988 and the financial results of operations for the year ended on that date.

18 August 1988

S.L. Wong
for Controller and Auditor-General

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MEMBERS AUCKLAND INSTITUTE AND MUSEUM

HONORARY LIFE MEMBERS

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Sir Thomas E. Clark	R.S. Milne, C.B.E.
Lucy M. Cranwell, M.A., D.Sc., F.L.S., F.R.S.N.Z.	Sir Kenneth B. Myers, M.B.E.
J.C. Fenton	J.H. Rose, Q.S.O., LL.B.
R.H. Lindo Ferguson, C.B.E., F.R.C.S. (Eng.), F.R.A.C.S.	Mrs J. Smith
G.W. Frater	W.B. Dixon Stroud
	Walter Taipari
	E.G. Turbott, Q.S.O., M.Sc., F.M.A.N.Z.

LIFE MEMBERS

Adams, G.E.	Barnes, J.R., B.D.S.
Afford, R.N.	Barnfather, R.L.
Airey, Mrs V.	Bartlett, W.H.
Akiyama, Assoc Prof S., M.Sc.	Baskett, Dr J.J., M.B., Ch.B., F.R.A.C.P.
Alexander, L.J.	Baskett, Dr N.C.
Alexander, Miss P., B.Sc.	Baskett, Mrs P.A., M.A.
Alldritt, C.	Batten, W.N., M.A., A.R.A.N.Z.
Allen D.	Batthey, M.H., M.Sc., Ph.D.
Allen, Mrs F.G.H.	Baynes, Miss S., B.A., M.A.
Allen, L.R., M.Sc., M.A., Ph.D.	Beever, J.E., M.Sc. (Auck.), Ph.D. (Leeds)
Allman-Marchant, Miss M.E.	Beever, R.E., M.Sc. (Auck.), Ph.D. (Leeds)
Alward, Mrs E.	Bell, D.B.
Anderson, J.L.	Bell, Mrs K.J., M.Sc.
Anderson, R.L.	Bell, Mrs P.A., B.Sc.
Armstrong, L.H., M.N.Z.I.S., A.R.I.C.S.	Bellingham, J.E.
Armstrong, R.W., M.A., Ph.D., M.P.H., M.R.S.H.	Belsham, L.R., B.A.
Arthur, Mrs N.V., N.Z.L.A. Cert., A.N.Z.L.A., A.L.A.A.	Bennett, Rev D.M.T.
Ash, Miss C., M.A.	Bieleski, R.L., M.Sc., Ph.D., F.R.S.N.Z.
Ashby, M., M.Sc. (Hons.)	Bierre, N.W., Dip. Arch., A.N.Z.I.A.
Astley, F. Lloyd	Bishop, J.J.
	Bishop, T.A., O.B.E., M.M., B.A.
	Bishop, W.N.
	Black, Prof P.M., M.Sc., Ph.D., F.M.S.Am.
Bach, C.R., E.D., B.Sc.	Blackburn, Mrs Y.D.L.
Bach, Miss E.E.R.	Blackwell, J.G.
Bailey E.	Blanchard, Mrs S.
Baker, D.G., M.N.Z.I.E.	Bogle, Prof A.G., B.E. (N.Z.), D. Phil. (Oxon.), C.Eng., F.I.E.E., M.N.Z.I.E.
Baker, D.H.	Bonham, Prof D.G., O.B.E., M.A., M.B., B.Chir. (Camb.), F.R.C.S., F.R.A.C.S., F.R.C.O.G.
Baldick, K., B.A.	Bonny, G.E.
Ball, Mrs J.E.M.	Booth, C.H.
Bamford, Miss N.R., B.A.	
Bannister, M.H.	
Barbarich, J.P.	
Barker, P.H., M.Sc., M.I.E.R.E.	

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 Bourke, Mrs N.J., Q.S.M., J.P.
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 Boyd, R.A., E.D.
 Boyes, Mrs B.
 Bradbury, M.A.
 Braggins, J.E., M.Sc.
 Brake, B., O.B.E.
 Brehmer, K., B.A.
 Bremner, Miss H.M.
 Brett, Miss M.
 Brett, Miss P.
 Brialey, Miss F.M.G.
 Bridges, Mrs H.E.
 Briggs, R.M., M.Sc., Ph.D.
 Briggs, Mrs S.M.
 Broadfoot, Mrs R.M.
 Broady, Miss A.H.
 Bronlundstads, Mrs R.L.
 Brook, F.J. B.Sc. (Hons) Ph.D.
 Brook, P.J. M.A., D.Phil (Oxon.)
 Brook, P.J., M.Sc., Ph.D., F.R.S.N.Z.
 Brook, Mrs Shirley D., M.Sc.
 Brooking, C.T., E.D., M.A., Dip.Ed.
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 D.I.C. (Lond.), F.G.S., F.R.S.N.Z.
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 Brown, H., M.B.E., B.A.
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 Browne, G.H., F.C.A., J.P.
 Browne, W.E., B.Sc.
 Buchanan, K.R., B.C.L.
 Buckeridge, J.S., M.Sc.(Hons.), Ph.D.
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 Bull, Miss E.L.
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 (Lond.)
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 Chong, Mrs S.A.
 Church, Mrs B.A.
 Claflin, W.H.
 Clarihew, Mrs I.A.
 Clark, F.G.M.
 Clark, J.L., LL.B.
 Clarke, E.C.
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 Cooke, A.C.
 Cooke, B.L.
 Cooke, D.L.
 Cooke, D.W.L.
 Cooke, W.L., Jnr
 Cookson, F.G.
 Coop, Dr H.V., M.B., Ch.B., D.O.,
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 Corban, Mrs L.G., J.P., M.A., Dip.Ed.,
 Dip.Tchg.
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de Courcy, N.R.
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Grimes, R., B.Sc.
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Harrington, N.
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Hartnell, S.F.
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Hattaway, Rev R.
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Hayman, L.T.
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Henley, G.D.
Henley, J.C., O.St.J., D.C.M., E.D.
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Hipkins, A.K.
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F.R.C.P.A.
Hitchcock, Mrs J.B., Dip.H.Sci.
Hitchens, L.W.
Hjorring, V.K., B.Sc.
Hole, Mrs G.

Hole, G.I., B.Arch., F.N.Z.I.A.
Holland, Mrs W.
Hollier, R.J., Dip. Hort.
Holt, Mrs J.H.
Hood, Mrs F.L.
Hooker, O.L.
Hooton, Prof D.J., M.Sc. (N.Z.), Ph.D.
(Edin.), F.Inst.P.
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Horrocks, J.A., E.D., A.C.A., F.N.Z.I.M.
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Horton, Mrs S.
Hounsell, L.
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Hughes, Miss B.J., Dip.N.
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Hunt, Miss F.I.
Hunter, Mrs J.
Hunter, L.O., A.M.I.E.E.
Hunter, Ms Z.
Hurrey, Miss M.L., B.A.
Hynes, M.F.

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M.I.Mech.E.
Innes, C.B., F.R.C.S.
Ireland, K.M.
Irvine, A.A., B.A.
Izard, Miss A.

Jacks, H., M.Agr.Sc., Ph.D., D.Sc.,
Dip.Ed., Dip.For., Dip.Admin.
Jackson, A.G., M.S.I.A., I.D.S.A.,
N.Z.S.I.D.
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Jackson, J.R., B.Sc.
Jackson, P.D., B.Com.
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Kear, D., B.Sc. (Eng.) B.Sc., Ph.D.,
A.R.S.M.
Keay, Mrs N.
Keenan, T.J.

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Kelliher, Sir Henry
Kelsey, O.J.
Kendall, R.J.
Kennedy, D.M., B.A.
Kerkin, E.H.
Kermode, L.O.
Kerr, R.W.
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Ph.D., D.I.C. (Lond.), F.Inst.P.
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Kingston, J.R.
Kingston, Mrs J.R.
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